

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038213.D
 Acq On : 10 Oct 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 01:43:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	131473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99578	47.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.180%		
35) Dibromofluoromethane	5.385	113	78943	49.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	8.647	98	305269	50.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.560%		
62) 4-Bromofluorobenzene	11.079	95	120434	52.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67079	52.858	ug/l	98
3) Chloromethane	1.301	50	64300	49.712	ug/l	100
4) Vinyl Chloride	1.374	62	74507	51.954	ug/l	99
5) Bromomethane	1.599	94	106369	56.587	ug/l	99
6) Chloroethane	1.679	64	61763	57.996	ug/l	97
7) Trichlorofluoromethane	1.886	101	156399	55.213	ug/l	97
8) Diethyl Ether	2.130	74	57175	54.121	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	64681	52.306	ug/l	97
10) Methyl Iodide	2.453	142	90407	50.812	ug/l	95
11) Tert butyl alcohol	2.959	59	107775	229.992	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	62396	51.872	ug/l	90
13) Acrolein	2.233	56	99566	331.201	ug/l	99
14) Allyl chloride	2.660	41	105326	48.954	ug/l	94
15) Acrylonitrile	3.062	53	243343	252.867	ug/l	99
16) Acetone	2.380	43	216845	245.702	ug/l	92
17) Carbon Disulfide	2.514	76	156601	45.171	ug/l	98
18) Methyl Acetate	2.703	43	196685	51.969	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	243093	50.743	ug/l	100
20) Methylene Chloride	2.788	84	77727	46.822	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	74571	50.070	ug/l	89
22) Diisopropyl ether	3.757	45	224928	49.881	ug/l #	96
23) Vinyl Acetate	3.721	43	836590	252.987	ug/l	96
24) 1,1-Dichloroethane	3.611	63	136544	49.896	ug/l	100
25) 2-Butanone	4.556	43	352557	247.587	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	100631	47.099	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	89058	50.209	ug/l	91
28) Bromochloromethane	4.897	49	65092	52.690	ug/l	88
29) Tetrahydrofuran	5.001	42	228102	246.039	ug/l	89
30) Chloroform	5.093	83	155398	51.929	ug/l	100
31) Cyclohexane	5.477	56	110417	48.194	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	132653	51.753	ug/l	99
36) 1,1-Dichloropropene	5.690	75	108140	49.356	ug/l	98
37) Ethyl Acetate	4.715	43	132213	50.810	ug/l	97
38) Carbon Tetrachloride	5.678	117	113179	52.510	ug/l	95
39) Methylcyclohexane	7.379	83	126590	49.327	ug/l	93
40) Benzene	6.038	78	316301	51.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68636	53.023	ug/l	91
42) 1,2-Dichloroethane	6.086	62	124565	50.876	ug/l	99
43) Isopropyl Acetate	6.342	43	199511	51.360	ug/l	97
44) Trichloroethene	7.129	130	83599	52.158	ug/l	97
45) 1,2-Dichloropropane	7.428	63	82129	51.781	ug/l	98
46) Dibromomethane	7.580	93	63170	51.352	ug/l	97
47) Bromodichloromethane	7.824	83	118451	54.128	ug/l	98
48) Methyl methacrylate	7.690	41	96927	52.268	ug/l #	85
49) 1,4-Dioxane	7.659	88	45857	1003.506	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	716830	267.535	ug/l	97
52) Toluene	8.720	92	213118	53.388	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	128653	54.769	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	131959	53.469	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	91620	53.659	ug/l	95
56) Ethyl methacrylate	9.116	69	142154	54.301	ug/l	92
57) 1,3-Dichloropropane	9.311	76	148087	53.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	321569	250.244	ug/l	99
59) 2-Hexanone	9.427	43	575990	267.401	ug/l	95
60) Dibromochloromethane	9.519	129	95536	57.170	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100617	54.492	ug/l	100
64) Tetrachloroethene	9.275	164	73518	51.104	ug/l	98
65) Chlorobenzene	10.079	112	235130	50.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87518	55.658	ug/l	99
67) Ethyl Benzene	10.195	91	427806	51.541	ug/l	98
68) m/p-Xylenes	10.299	106	333394	103.879	ug/l	98
69) o-Xylene	10.640	106	161277	51.487	ug/l	100
70) Styrene	10.653	104	271890	53.299	ug/l	97
71) Bromoform	10.799	173	70650	48.523	ug/l #	98
73) Isopropylbenzene	10.963	105	430690	49.436	ug/l	99
74) N-amyl acetate	10.842	43	185403	49.835	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	160587	50.234	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	146768m	49.696	ug/l	
77) Bromobenzene	11.195	156	105612	49.654	ug/l	91
78) n-propylbenzene	11.305	91	521787	48.982	ug/l	100
79) 2-Chlorotoluene	11.366	91	302754	47.923	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	375987	50.024	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44081	44.101	ug/l	94
82) 4-Chlorotoluene	11.451	91	362584	48.502	ug/l	97
83) tert-Butylbenzene	11.713	119	375735	51.160	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	376188	50.198	ug/l	98
85) sec-Butylbenzene	11.890	105	480551	50.512	ug/l	100
86) p-Isopropyltoluene	12.006	119	400103	50.973	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	207600	48.594	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	211612	48.518	ug/l	98
89) n-Butylbenzene	12.335	91	385306	49.290	ug/l	97
90) Hexachloroethane	12.536	117	67727	52.041	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	204872	49.890	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38706	50.077	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	132722	48.188	ug/l	97
94) Hexachlorobutadiene	13.725	225	53686	48.429	ug/l	99
95) Naphthalene	13.774	128	462655	48.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129480	48.551	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

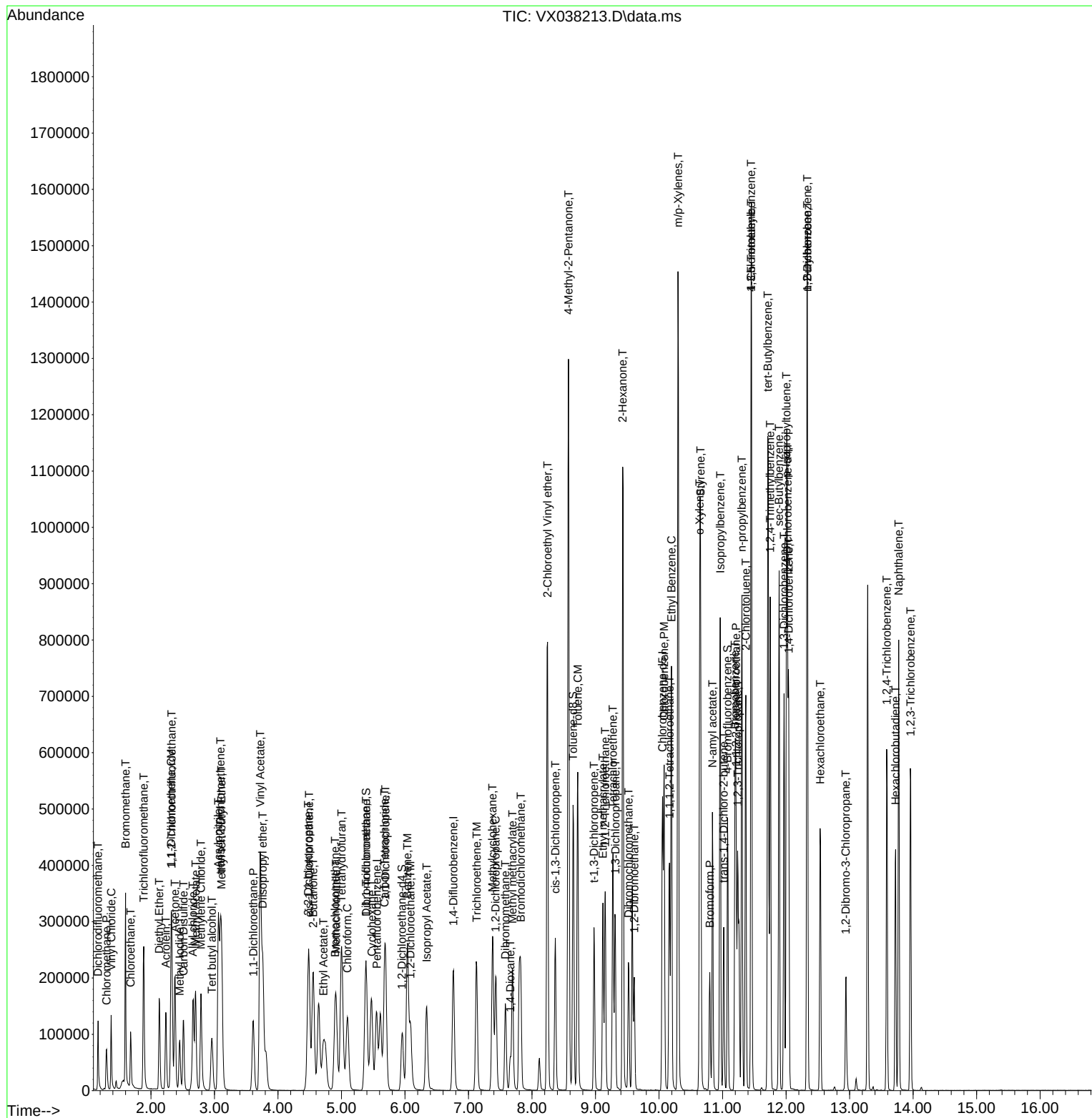
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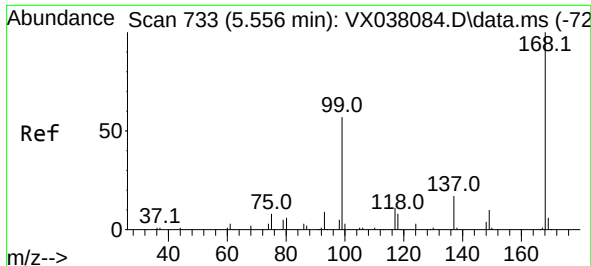
Instrument :
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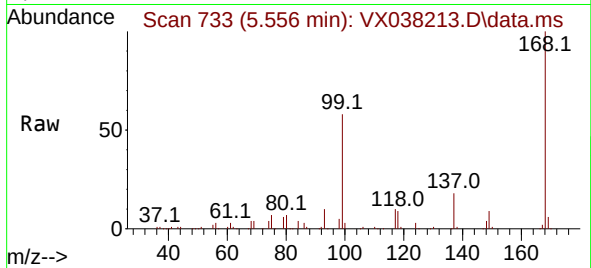
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038213.D
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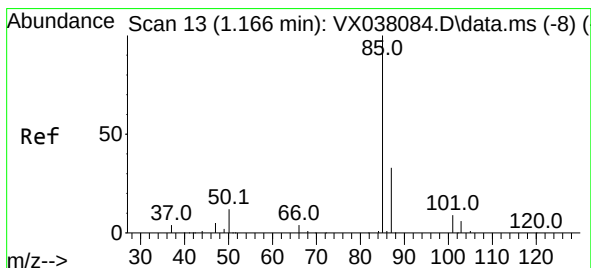
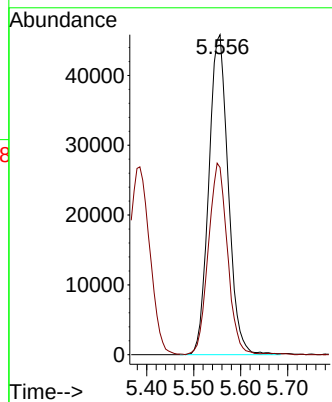
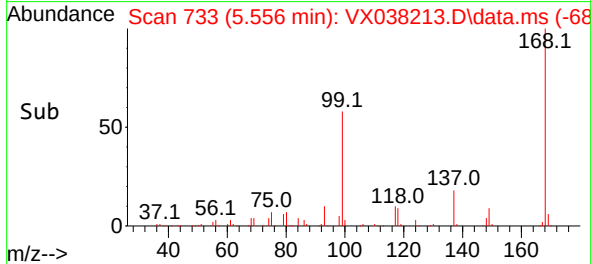
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13147
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0

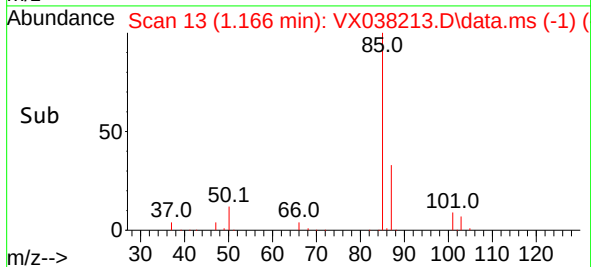
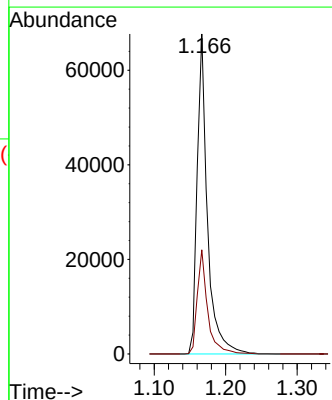
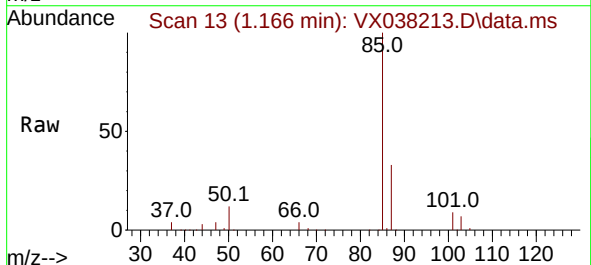
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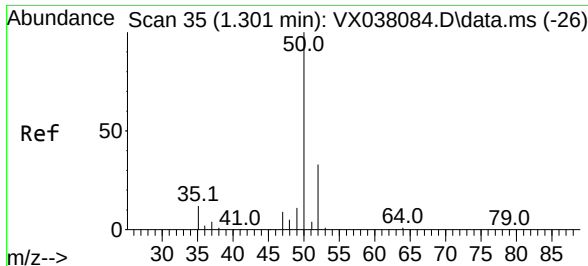
Reviewed By :John Carlone 10/11/2023
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#2
Dichlorodifluoromethane
Concen: 52.858 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 85 Resp: 67079
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





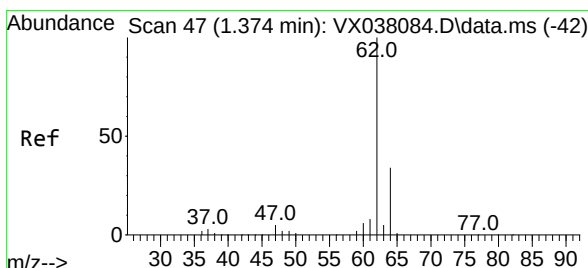
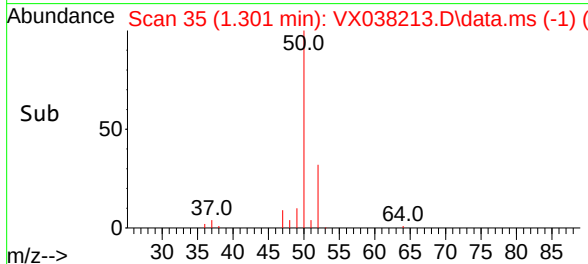
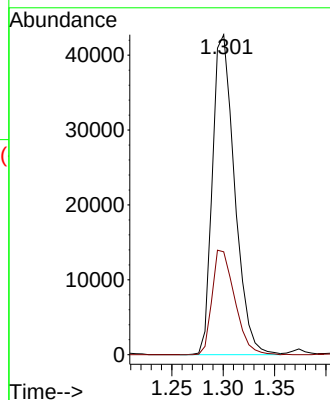
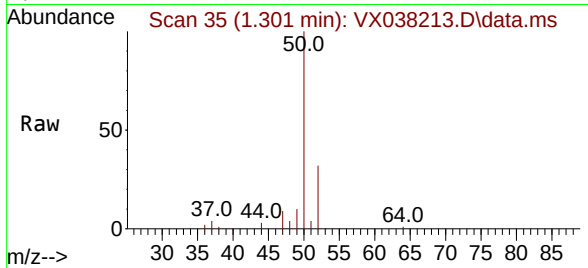
#3
Chloromethane
Concen: 49.712 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

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Tgt Ion: 50 Resp: 64300
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

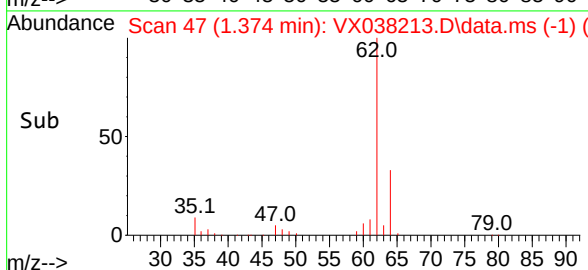
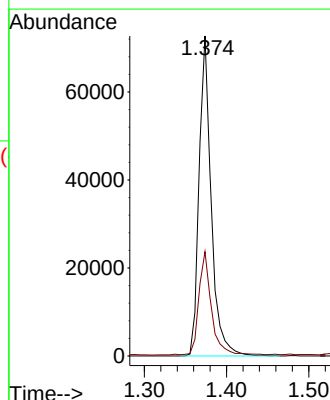
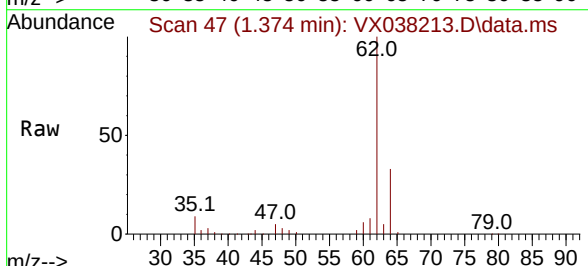
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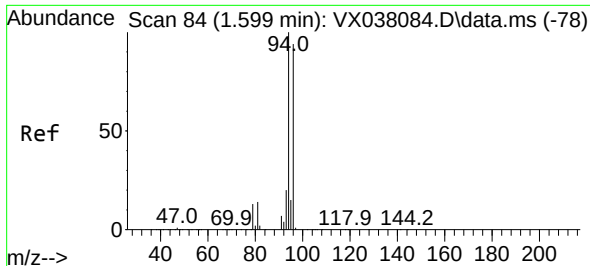
Reviewed By :John Carlone 10/11/2023
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#4
Vinyl Chloride
Concen: 51.954 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

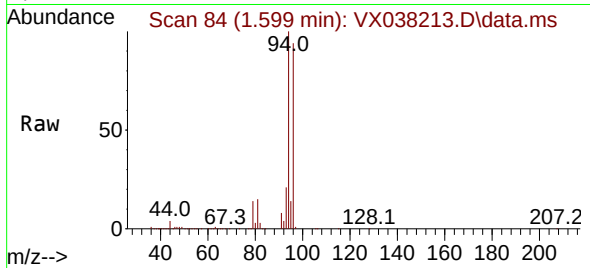
Tgt Ion: 62 Resp: 74507
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 56.587 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

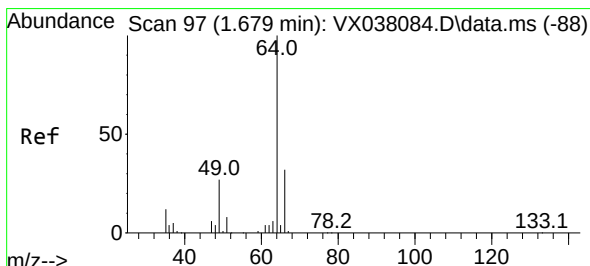
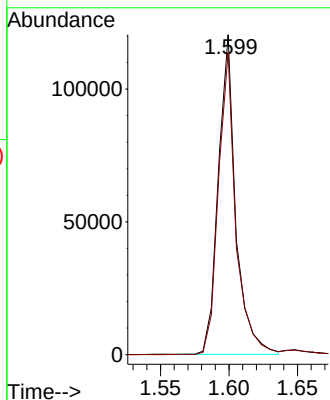
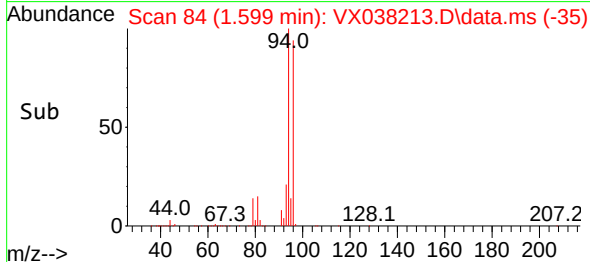
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Tgt Ion: 94 Resp: 106369
Ion Ratio Lower Upper
94 100
96 94.5 74.6 111.8

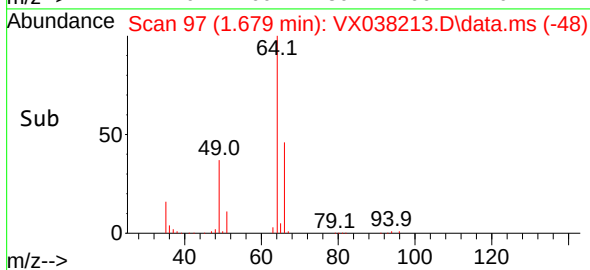
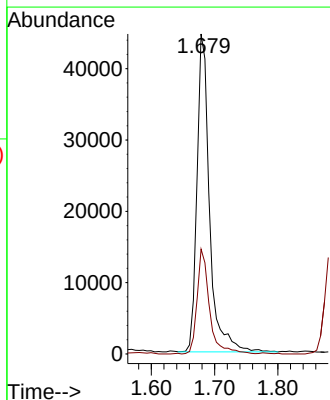
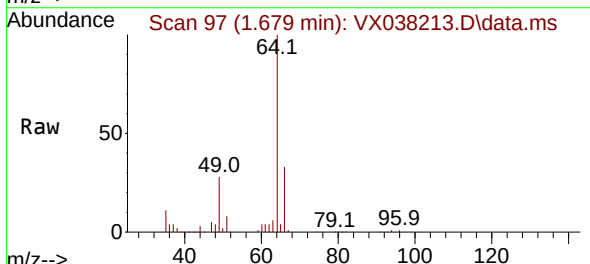
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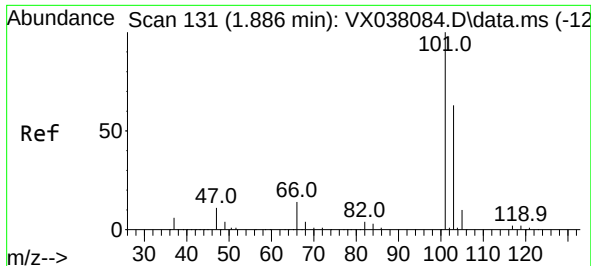
Reviewed By :John Carlone 10/11/2023
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#6
Chloroethane
Concen: 57.996 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

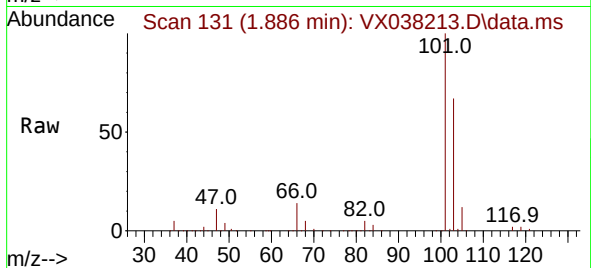
Tgt Ion: 64 Resp: 61763
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 55.213 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

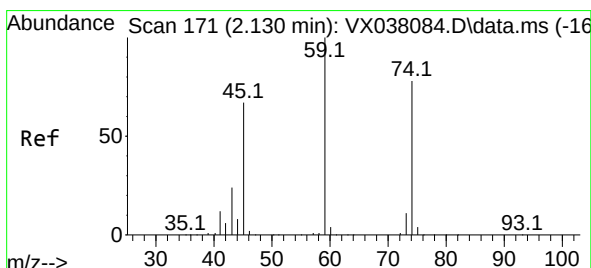
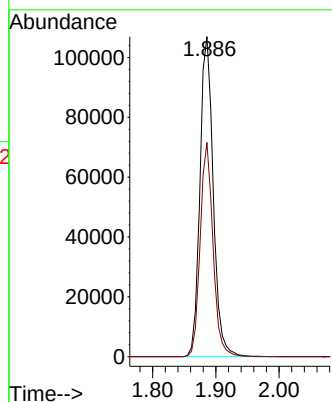
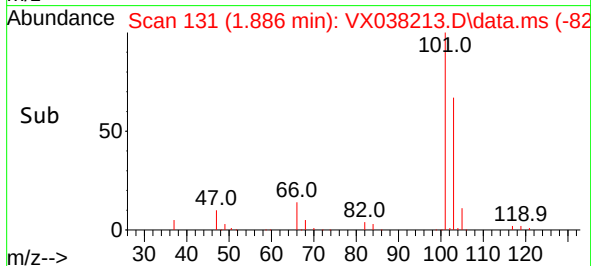
Instrument :
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Tgt Ion:101 Resp: 156399
Ion Ratio Lower Upper
101 100
103 66.9 51.4 77.2

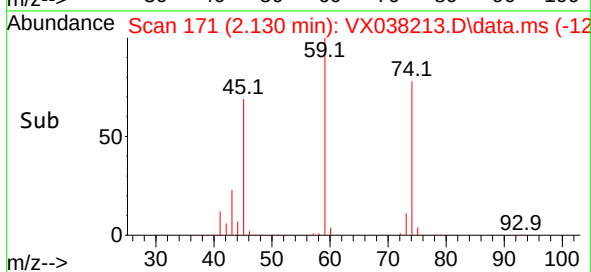
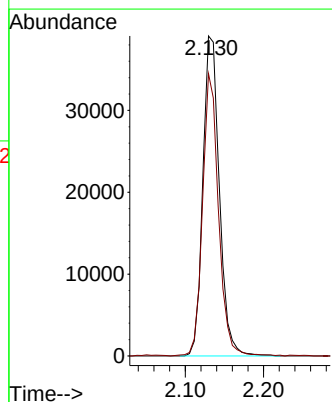
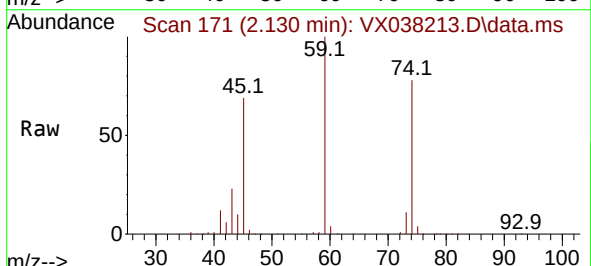
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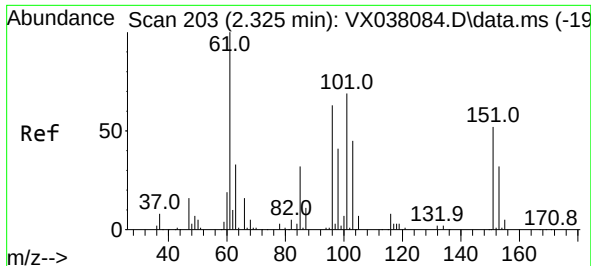
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#8
Diethyl Ether
Concen: 54.121 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 74 Resp: 57175
Ion Ratio Lower Upper
74 100
45 85.4 53.3 159.8





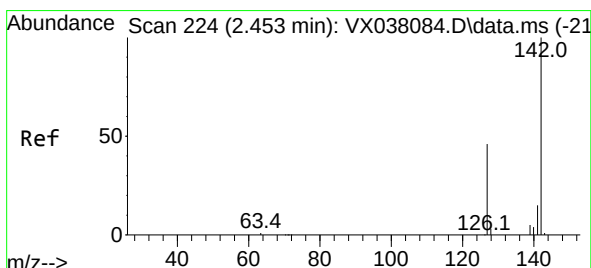
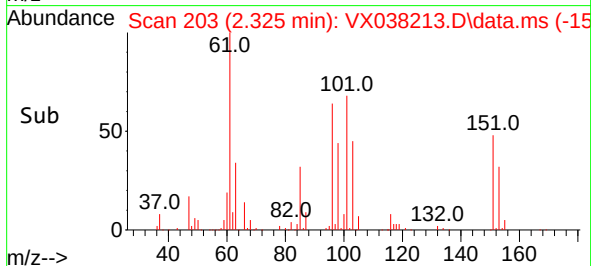
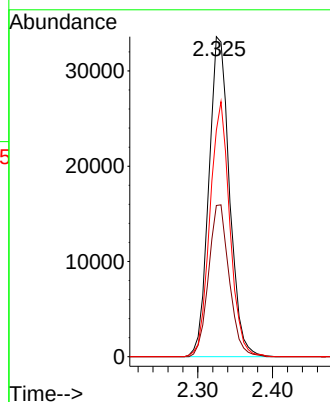
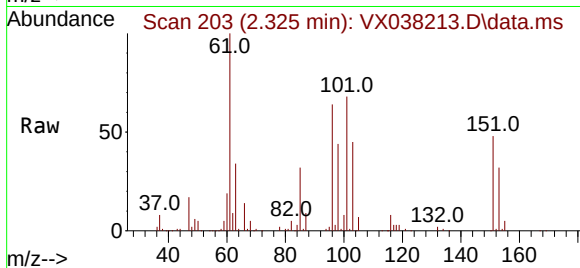
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.306 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6468
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 76.5 58.6 87.8

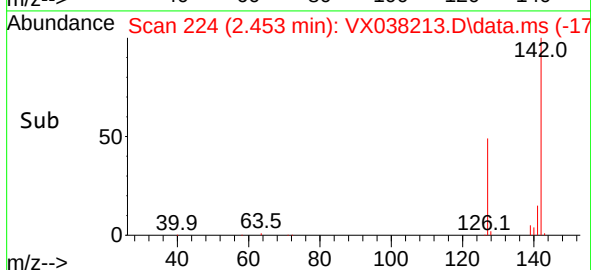
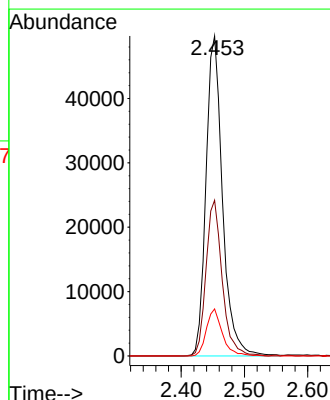
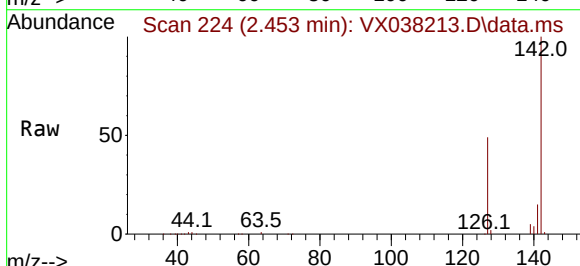
Manual Integrations
APPROVED

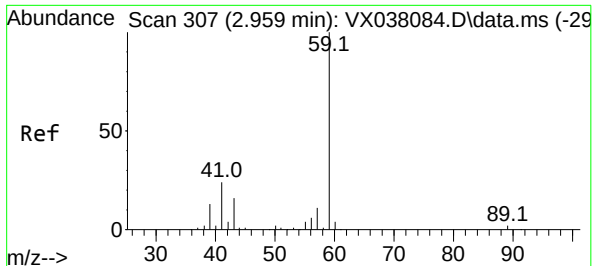
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#10
Methyl Iodide
Concen: 50.812 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion:142 Resp: 90407
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 14.2 11.6 17.4





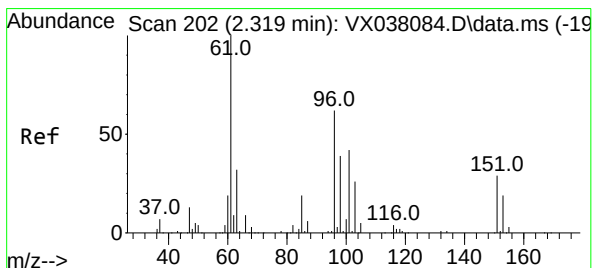
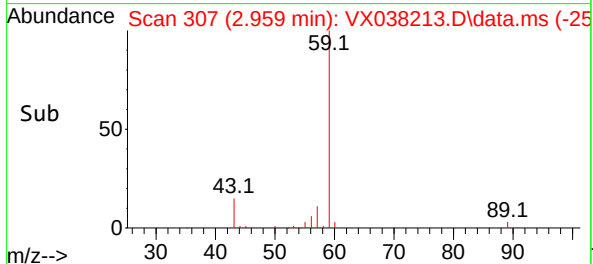
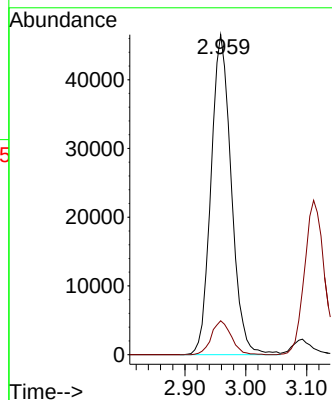
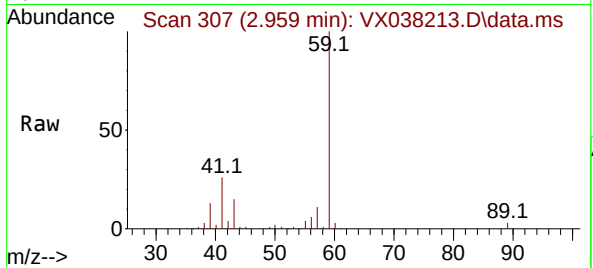
#11
Tert butyl alcohol
Concen: 229.992 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 107775
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

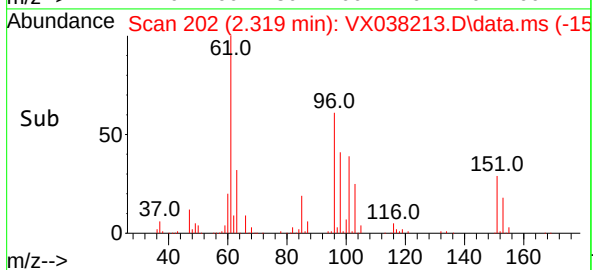
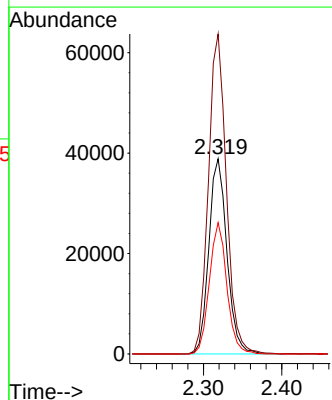
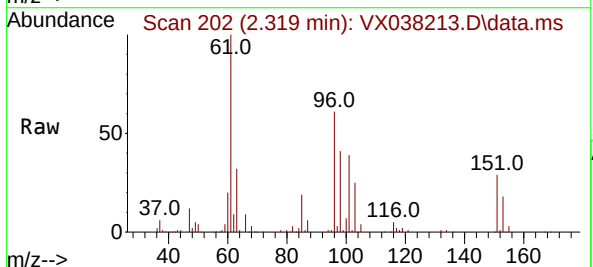
Manual Integrations
APPROVED

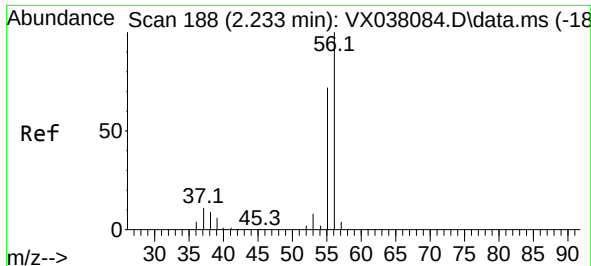
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#12
1,1-Dichloroethene
Concen: 51.872 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

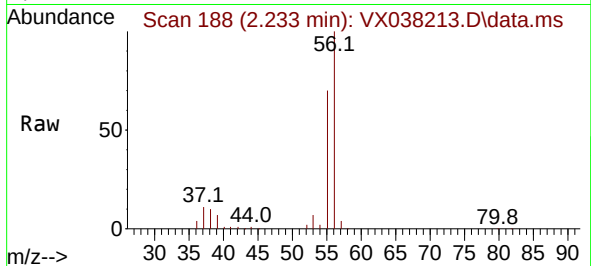
Tgt Ion: 96 Resp: 62396
Ion Ratio Lower Upper
96 100
61 163.9 144.6 216.8
98 67.2 50.4 75.6





#13
Acrolein
Concen: 331.201 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

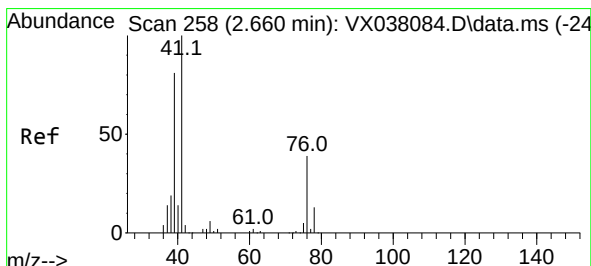
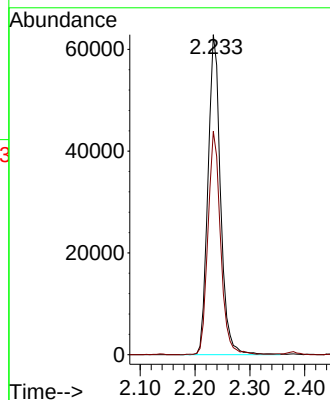
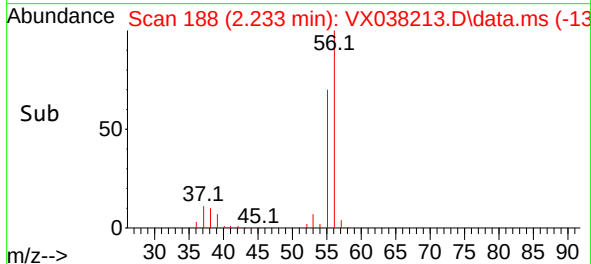
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 99560
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

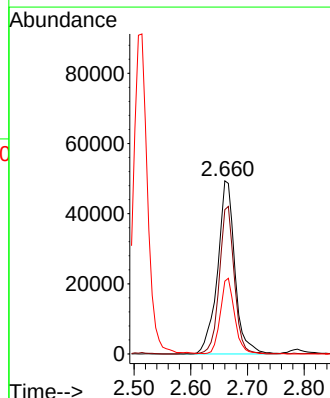
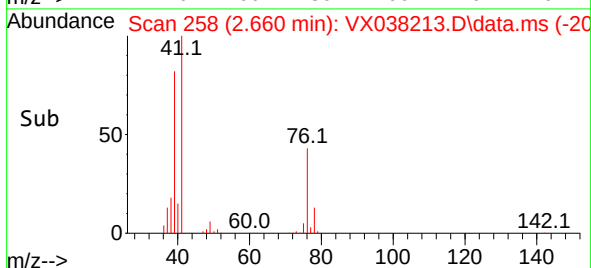
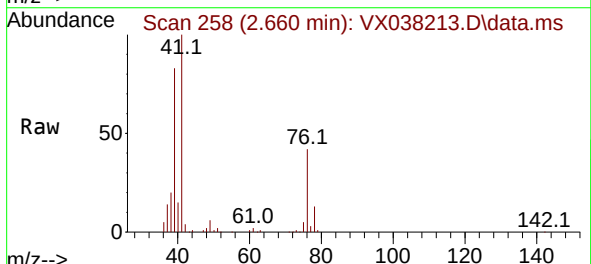
Manual Integrations
APPROVED

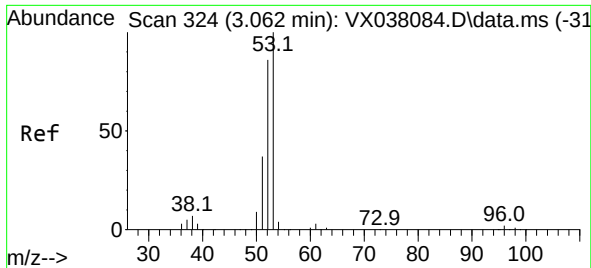
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#14
Allyl chloride
Concen: 48.954 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

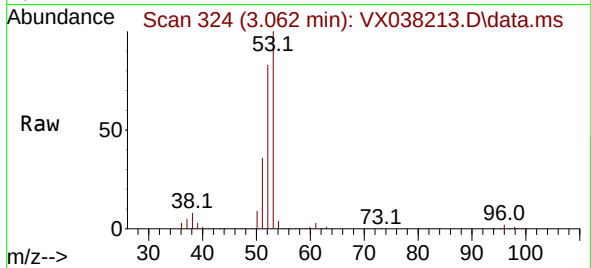
Tgt Ion: 41 Resp: 105326
Ion Ratio Lower Upper
41 100
39 73.2 55.8 83.6
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 252.867 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

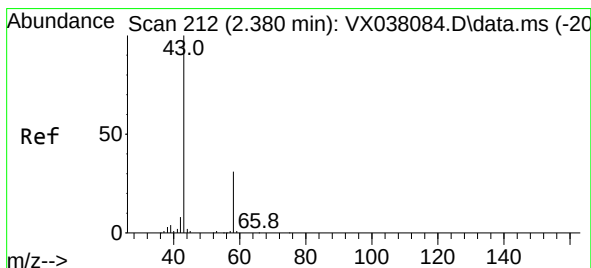
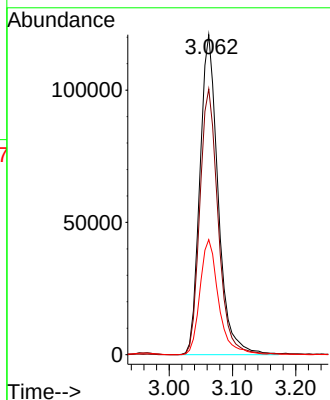
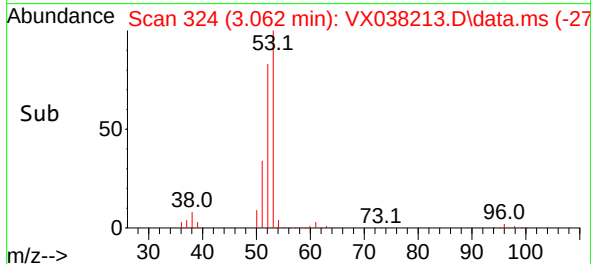
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24334
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.7 29.8 44.6

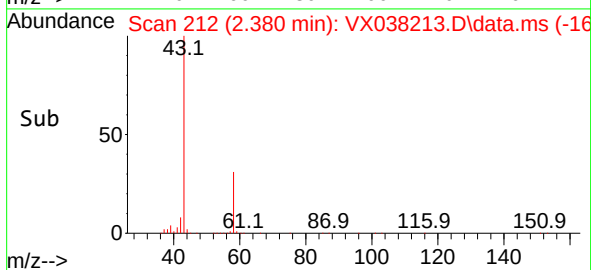
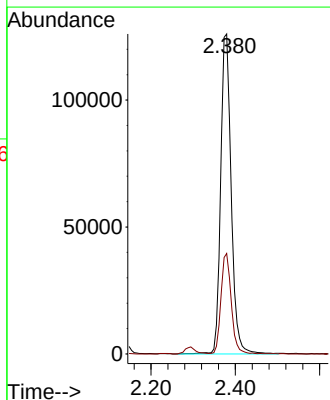
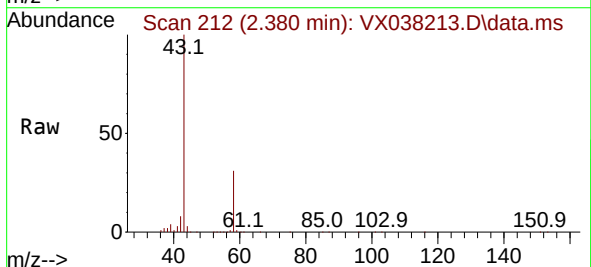
Manual Integrations
APPROVED

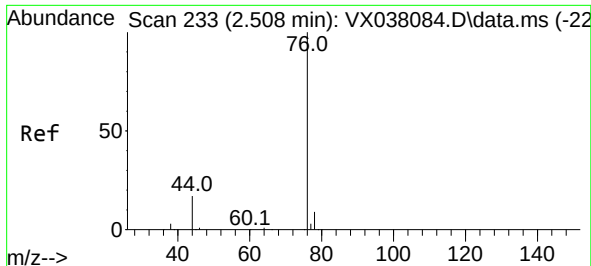
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#16
Acetone
Concen: 245.702 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 43 Resp: 216845
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 45.171 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15660

Ion Ratio Lower Upper

76 100

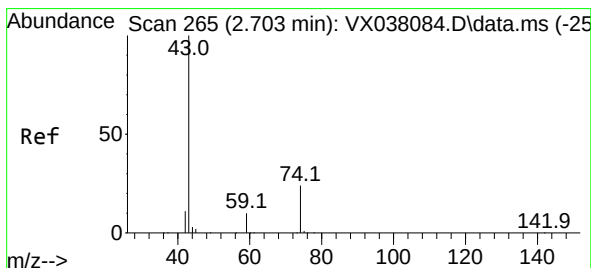
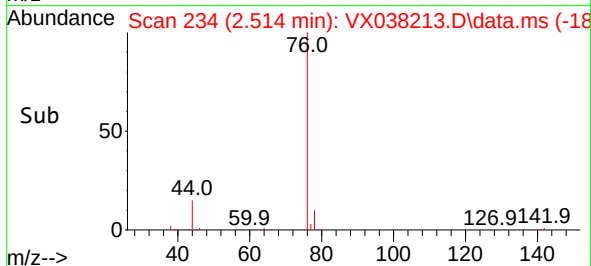
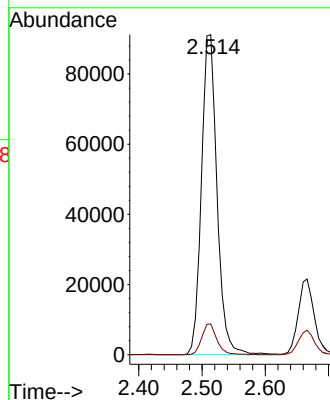
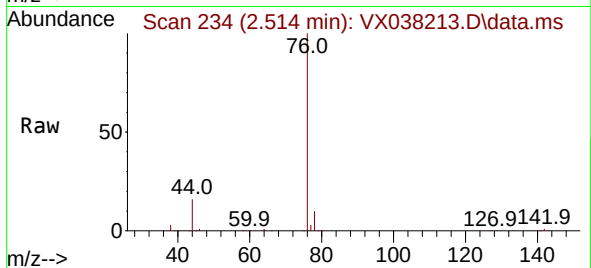
78 9.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#18

Methyl Acetate

Concen: 51.969 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038213.D

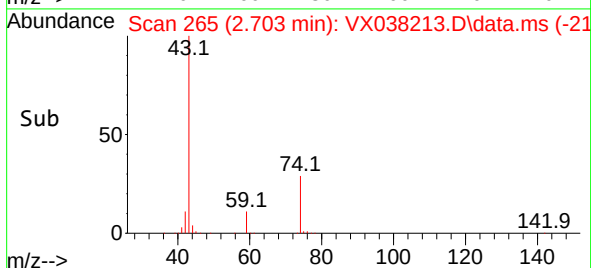
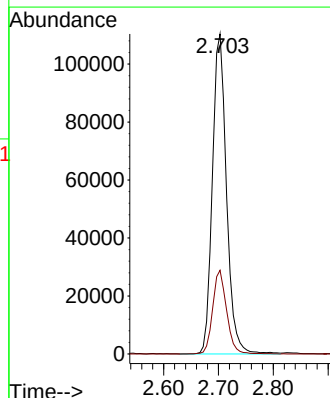
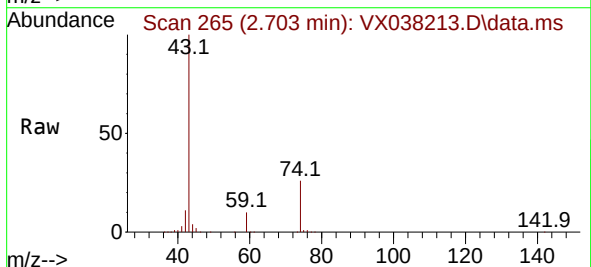
Acq: 10 Oct 2023 19:47

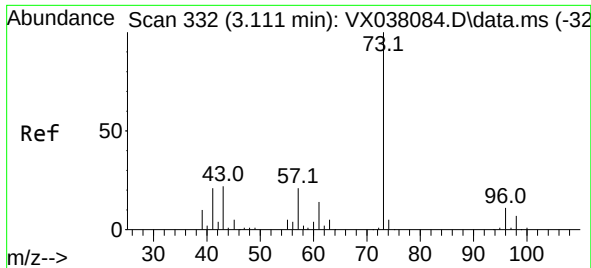
Tgt Ion: 43 Resp: 196685

Ion Ratio Lower Upper

43 100

74 25.8 17.8 26.8





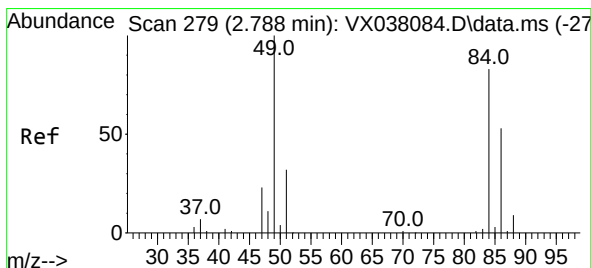
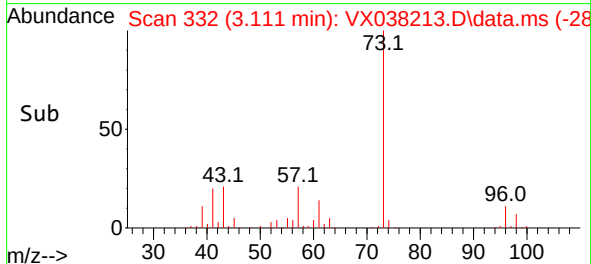
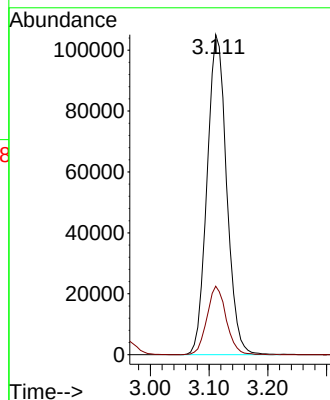
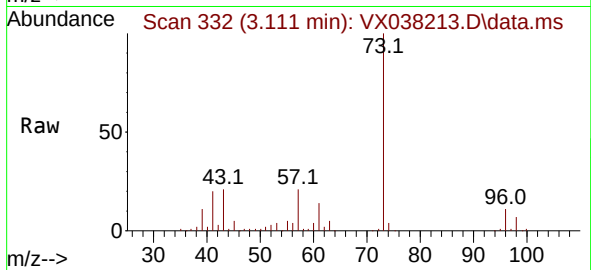
#19
Methyl tert-butyl Ether
Concen: 50.743 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24309
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

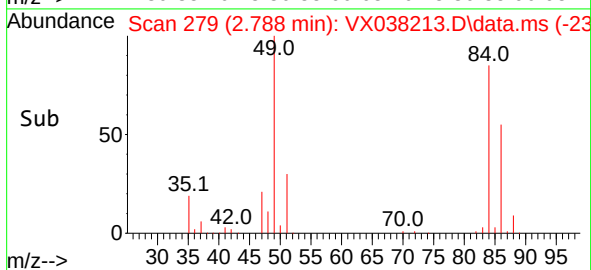
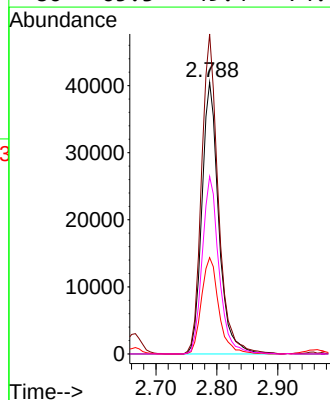
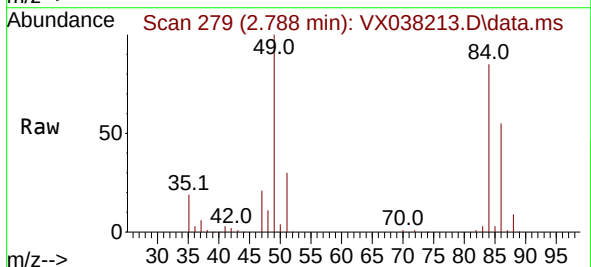
Manual Integrations
APPROVED

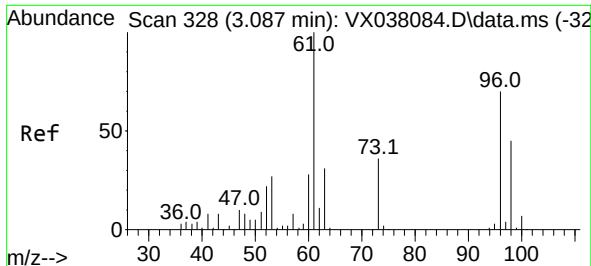
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 46.822 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

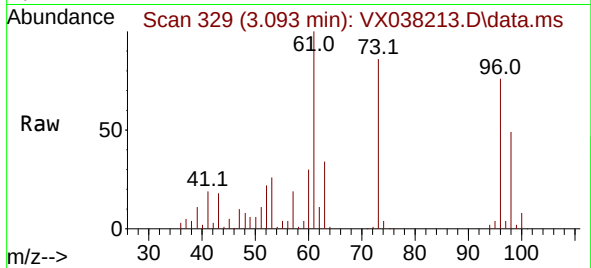
Tgt Ion: 84 Resp: 77727
Ion Ratio Lower Upper
84 100
49 117.8 103.6 155.4
51 35.5 33.8 50.6
86 65.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.070 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

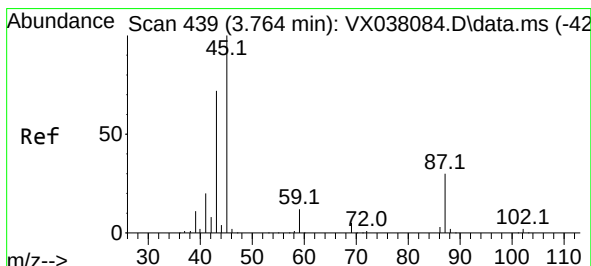
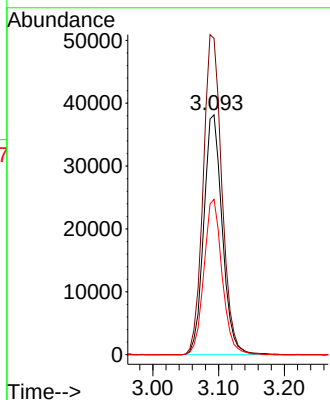
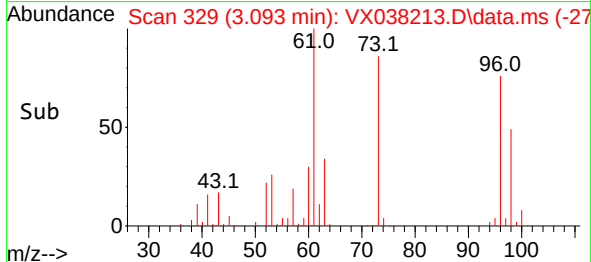
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



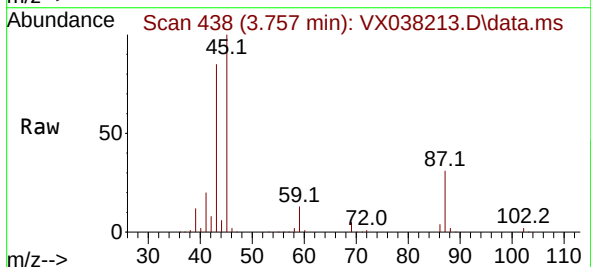
Tgt Ion: 96 Resp: 7457
Ion Ratio Lower Upper
96 100
61 131.9 119.2 178.8
98 64.8 48.7 73.1

Manual Integrations
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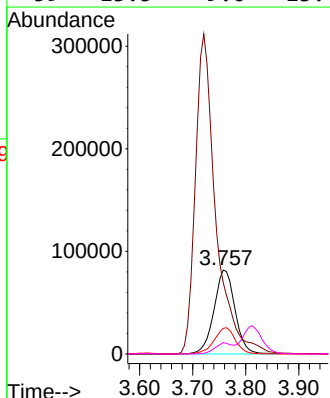
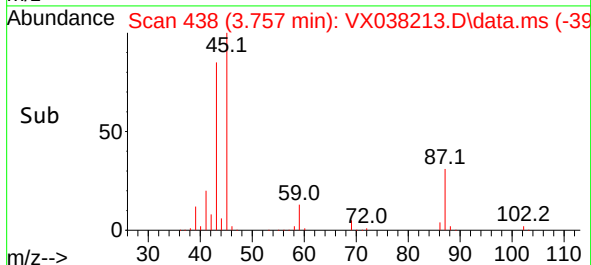
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

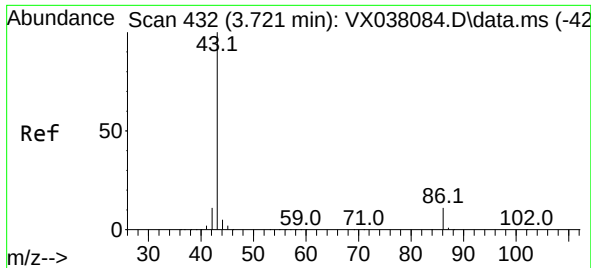


#22
Diisopropyl ether
Concen: 49.881 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



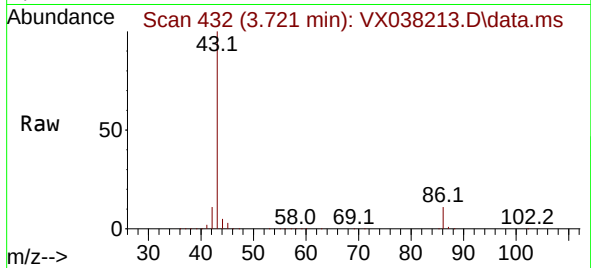
Tgt Ion: 45 Resp: 224928
Ion Ratio Lower Upper
45 100
43 85.2 69.7 104.5
87 30.5 20.8 31.2
59 13.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.987 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47

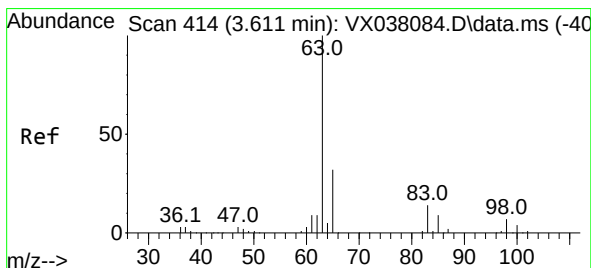
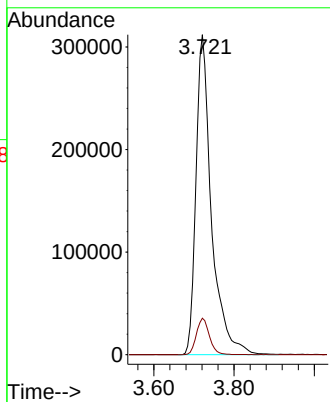
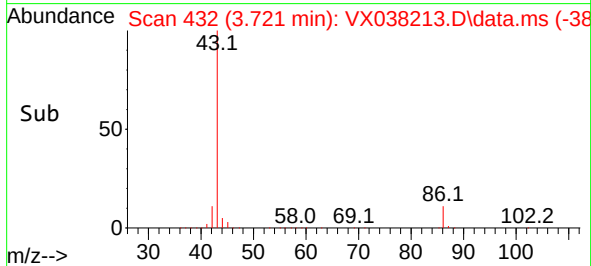
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



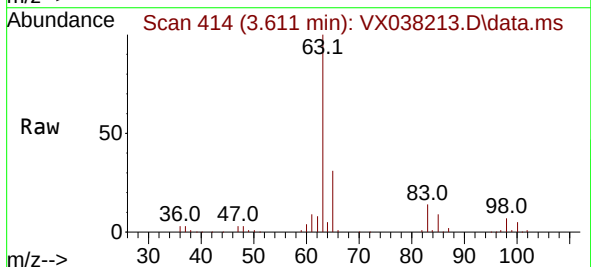
Tgt Ion: 43 Resp: 836590
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

Manual Integrations
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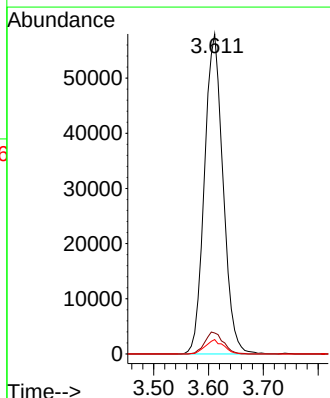
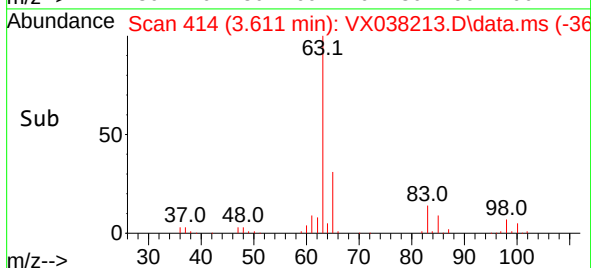
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

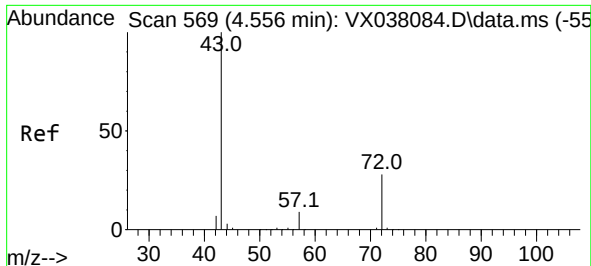


#24
 1,1-Dichloroethane
 Concen: 49.896 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47



Tgt Ion: 63 Resp: 136544
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.5 2.1 6.5





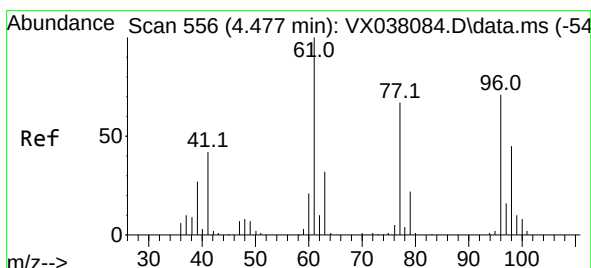
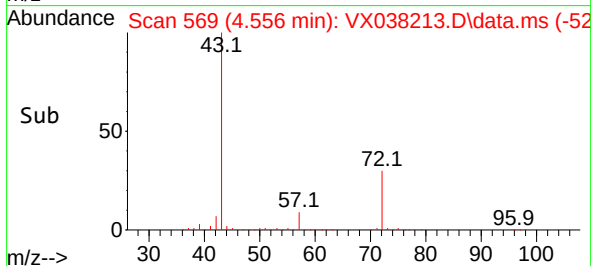
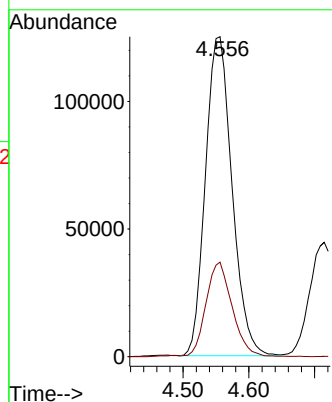
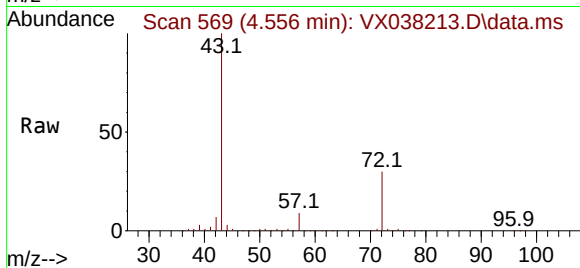
#25
2-Butanone
Concen: 247.587 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 35255
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2

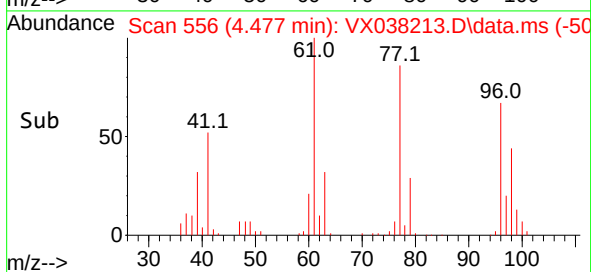
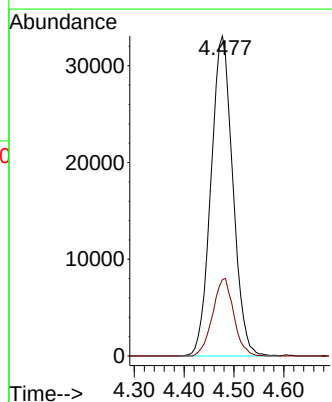
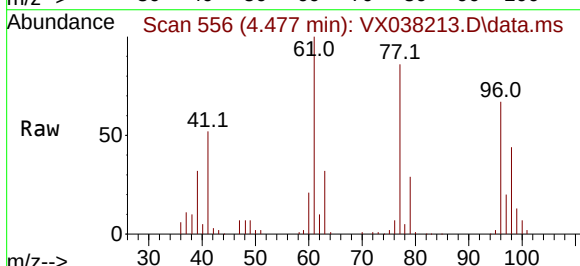
Manual Integrations
APPROVED

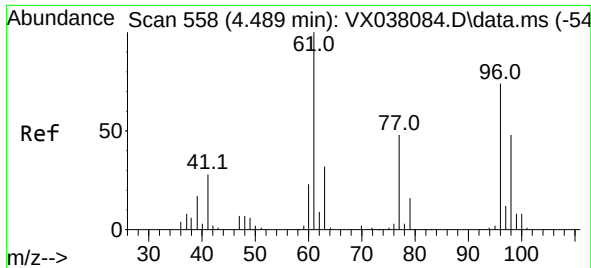
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#26
2,2-Dichloropropane
Concen: 47.099 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

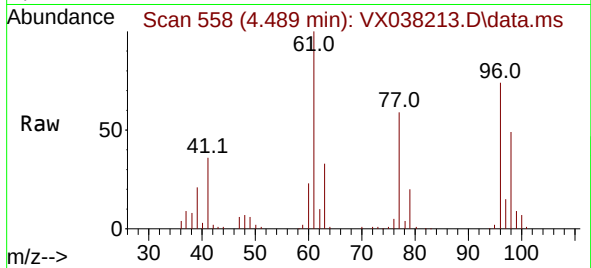
Tgt Ion: 77 Resp: 100631
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.209 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47

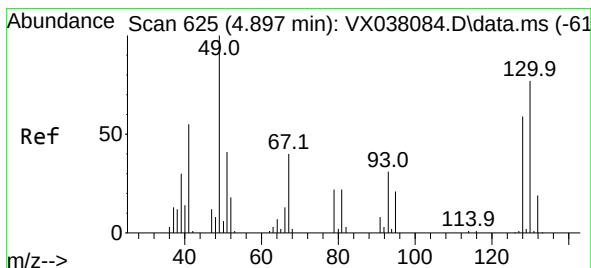
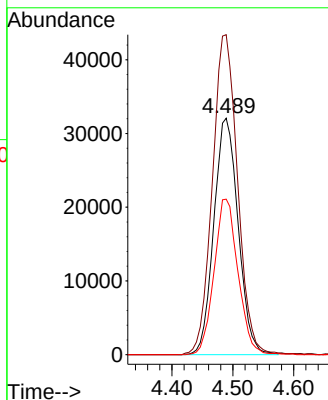
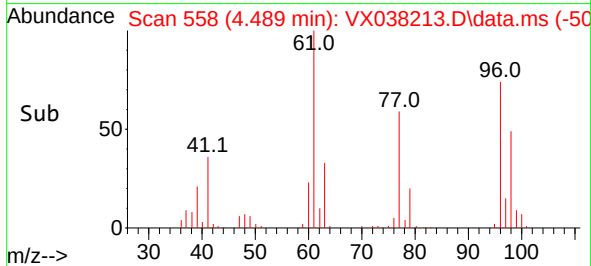
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



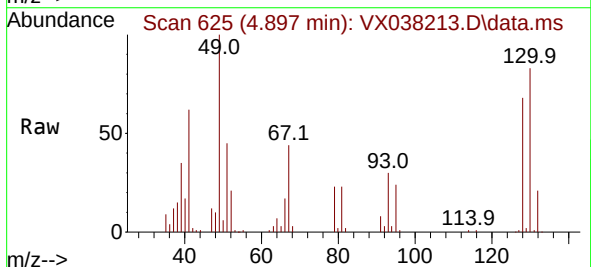
Tgt Ion: 96 Resp: 89058
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 312.2
 98 64.7 0.0 129.0

Manual Integrations
 APPROVED

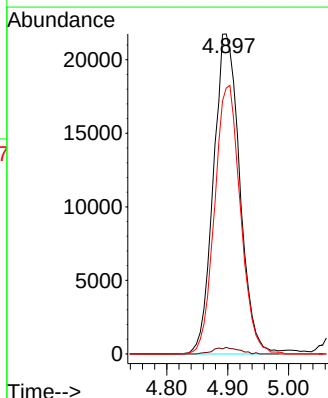
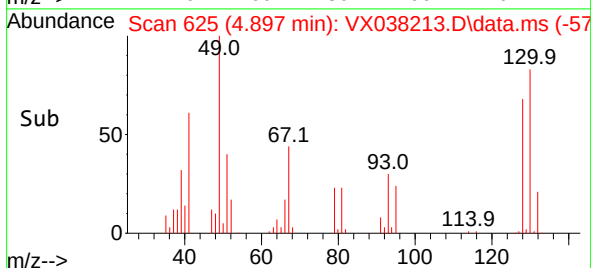
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

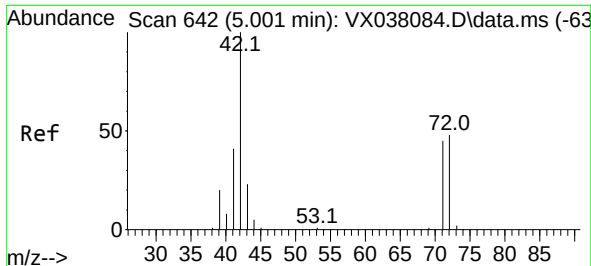


#28
 Bromochloromethane
 Concen: 52.690 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47



Tgt Ion: 49 Resp: 65092
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 246.039 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 22810

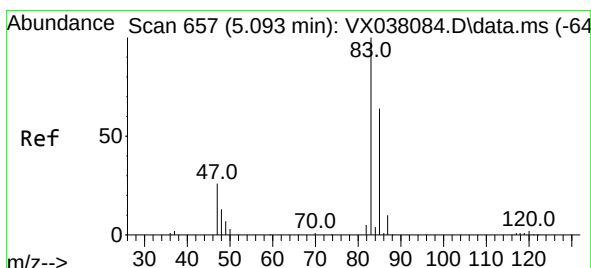
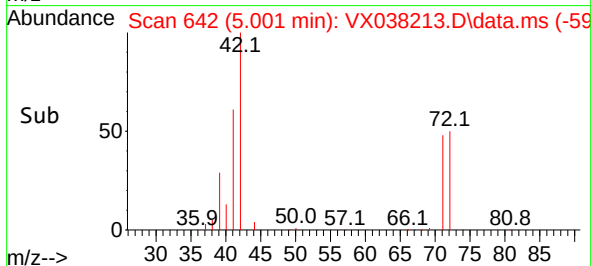
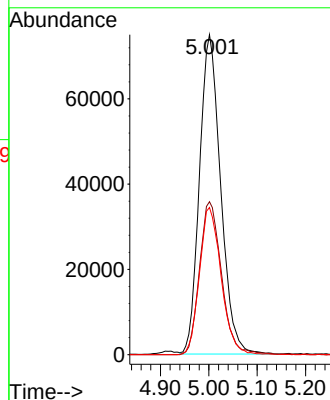
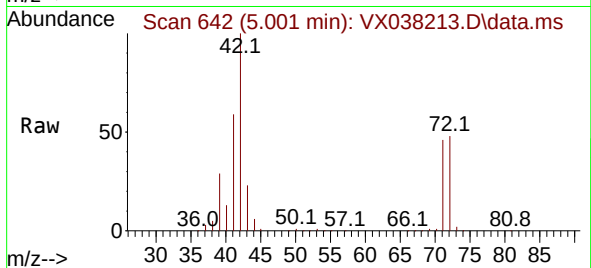
Ion	Ratio	Lower	Upper
42	100		
72	49.8	34.2	51.4
71	47.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 51.929 ug/l

RT: 5.093 min Scan# 657

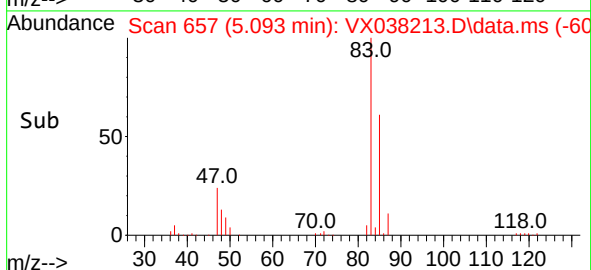
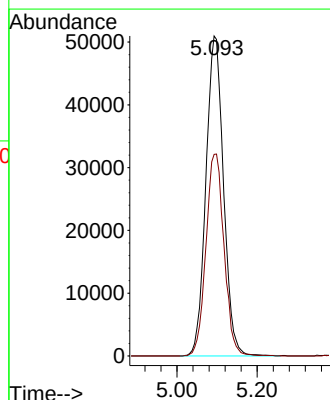
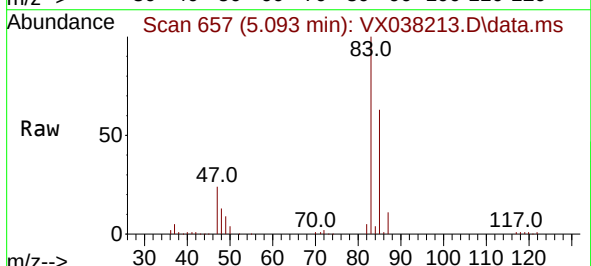
Delta R.T. -0.000 min

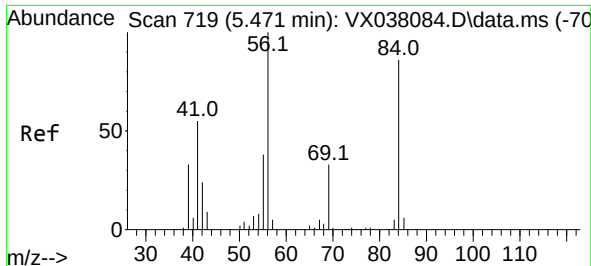
Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Tgt Ion: 83 Resp: 155398

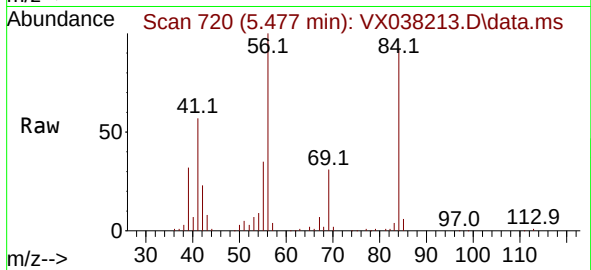
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.3	75.5





#31
Cyclohexane
Concen: 48.194 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

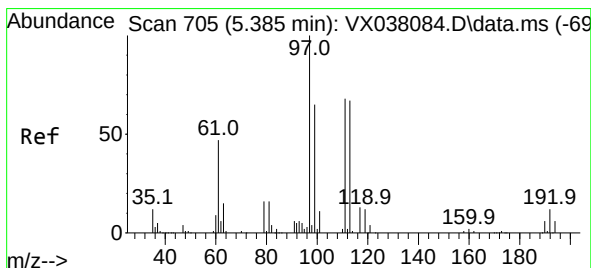
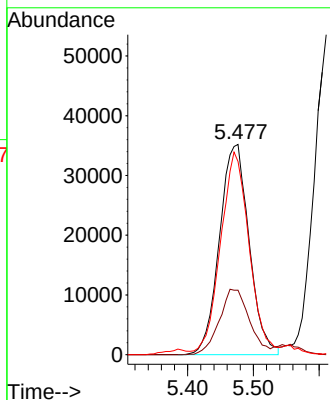
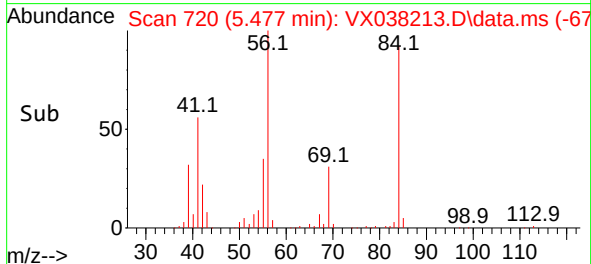
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11041
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 89.1 65.9 98.9

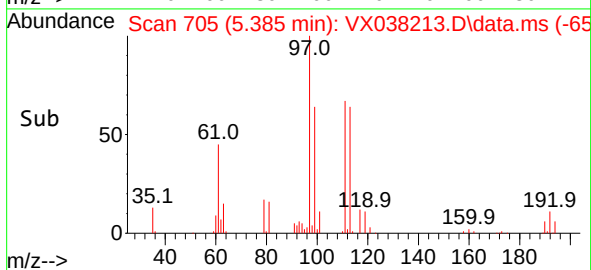
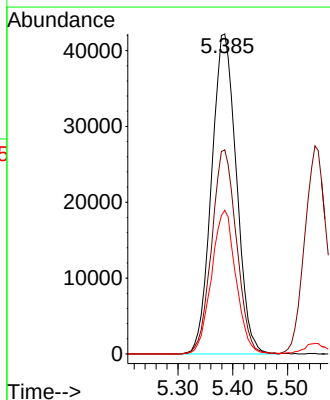
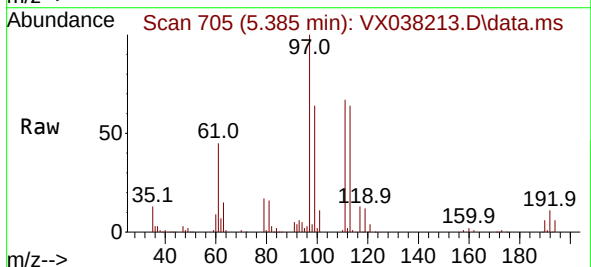
Manual Integrations
APPROVED

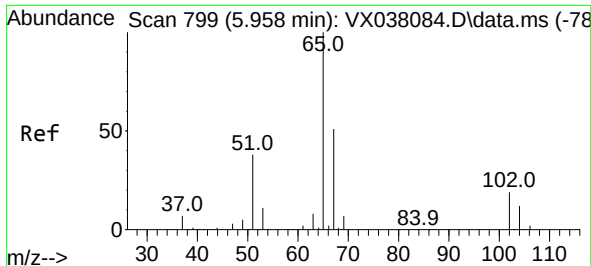
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#32
1,1,1-Trichloroethane
Concen: 51.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

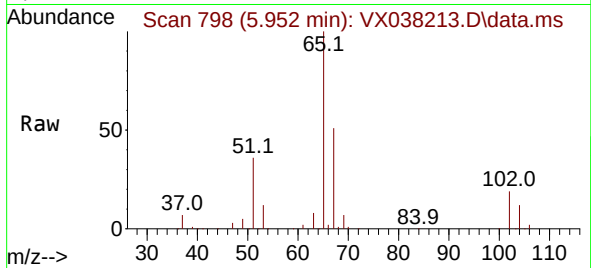
Tgt Ion: 97 Resp: 132653
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.3 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.089 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

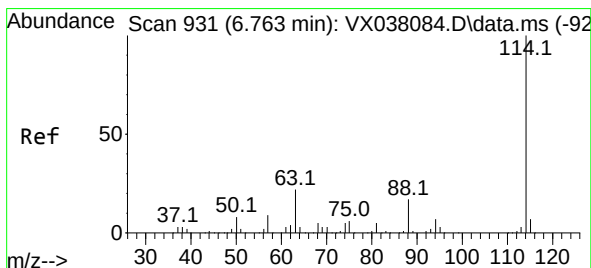
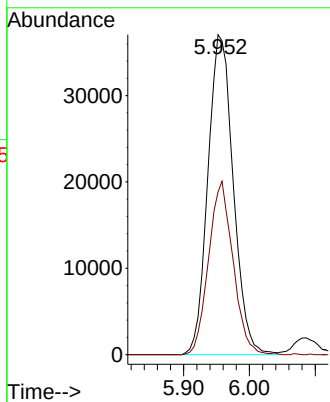
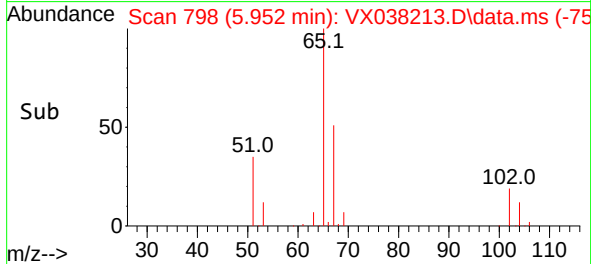
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 99578
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

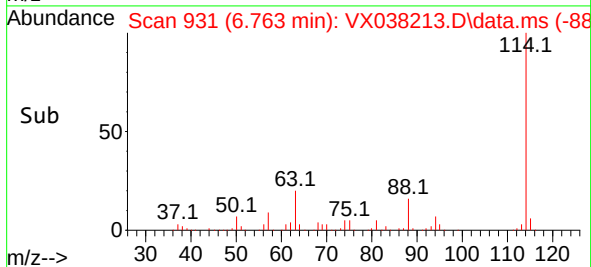
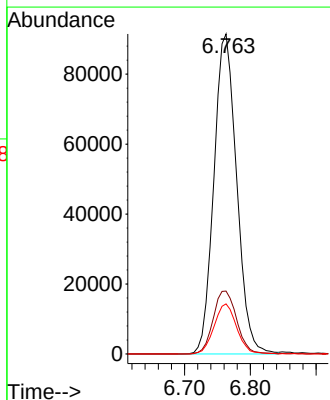
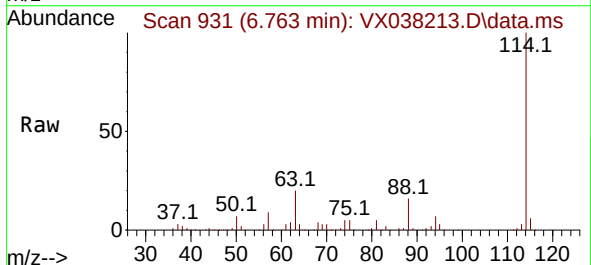
Manual Integrations
APPROVED

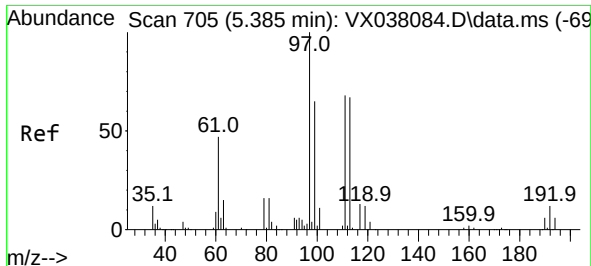
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

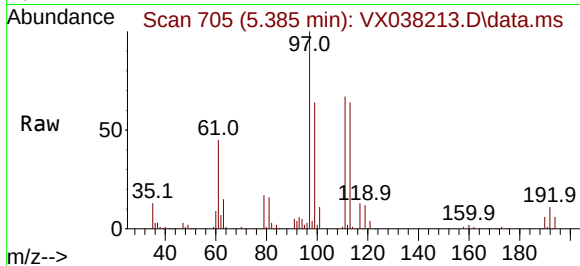
Tgt Ion:114 Resp: 220502
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.685 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

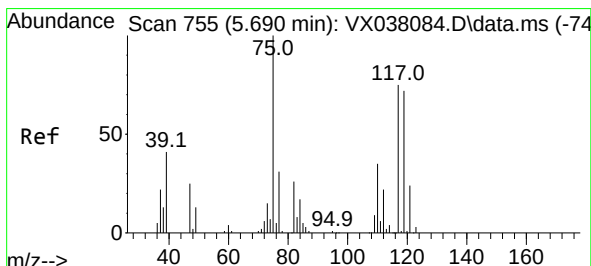
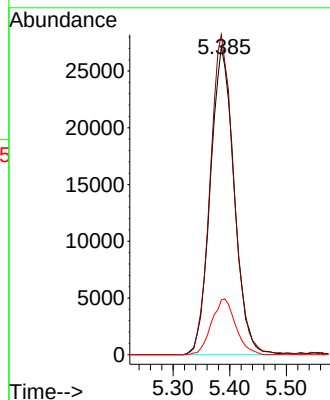
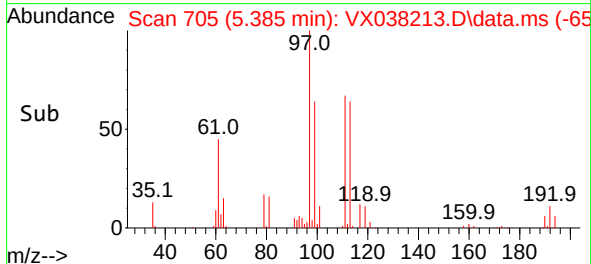
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 7894
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.4 13.3 19.9

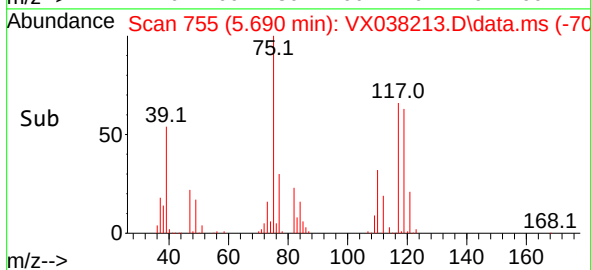
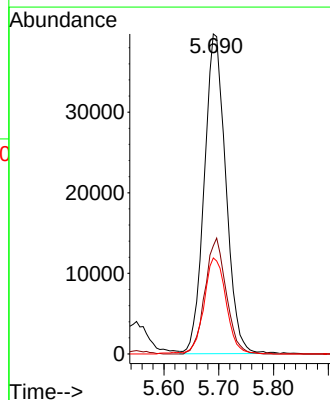
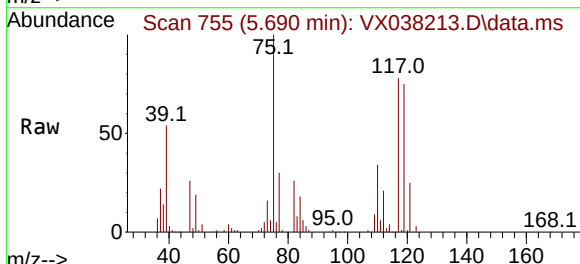
Manual Integrations
APPROVED

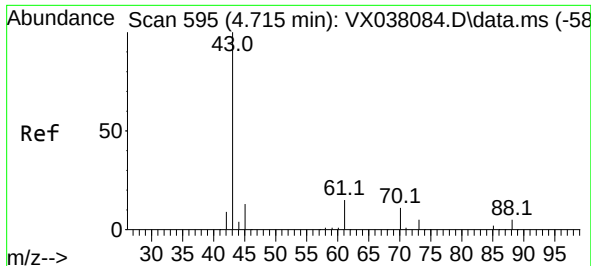
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#36
1,1-Dichloropropene
Concen: 49.356 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

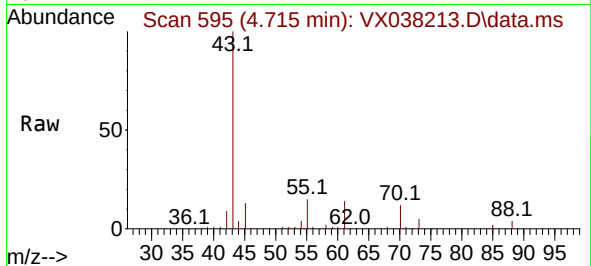
Tgt Ion: 75 Resp: 108140
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 30.2 24.7 37.1





#37
Ethyl Acetate
Concen: 50.810 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

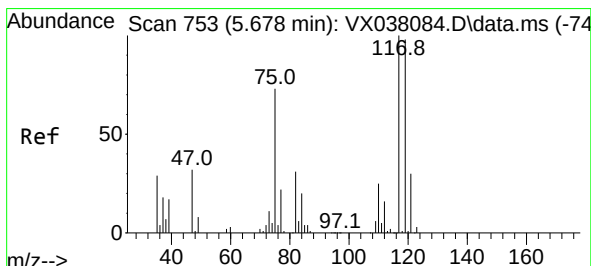
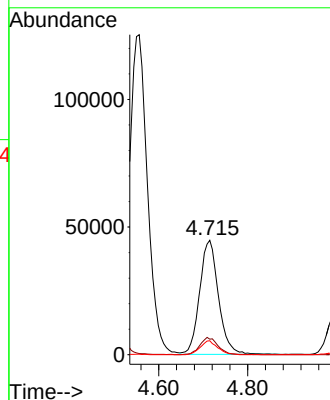
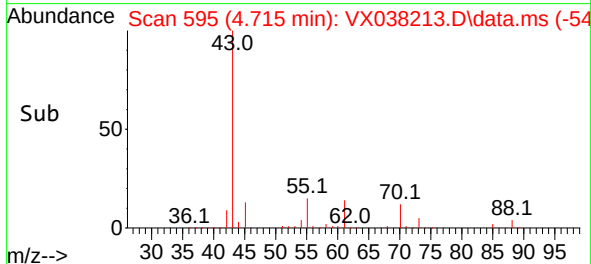
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13221
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.1 8.3 12.5

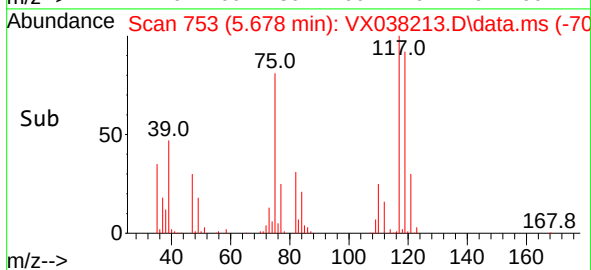
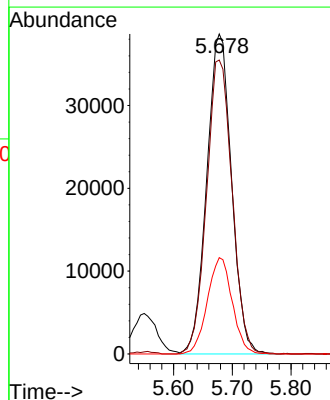
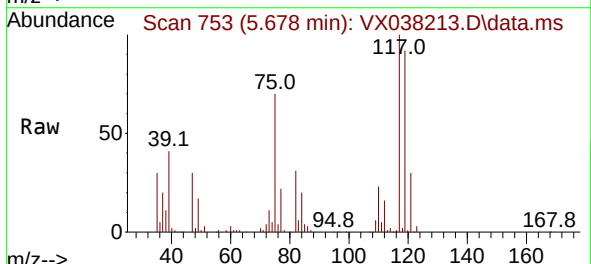
Manual Integrations
APPROVED

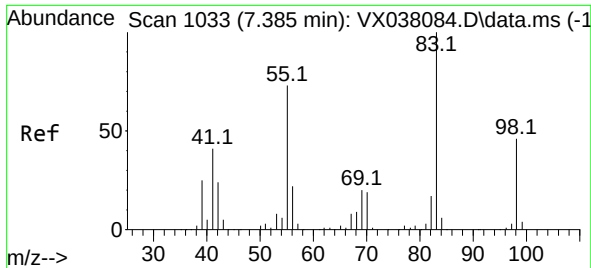
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#38
Carbon Tetrachloride
Concen: 52.510 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion:117 Resp: 113179
Ion Ratio Lower Upper
117 100
119 91.9 78.2 117.2
121 30.1 24.4 36.6





#39
Methylcyclohexane
Concen: 49.327 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

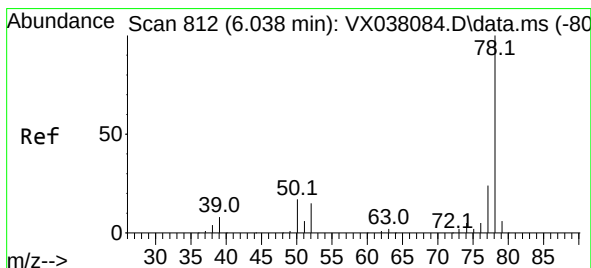
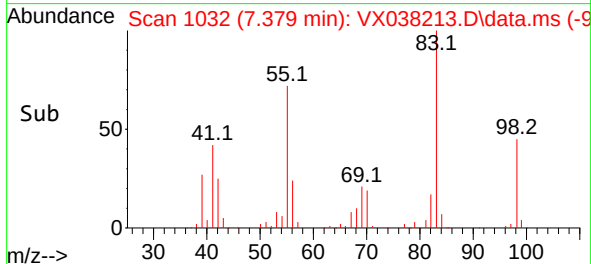
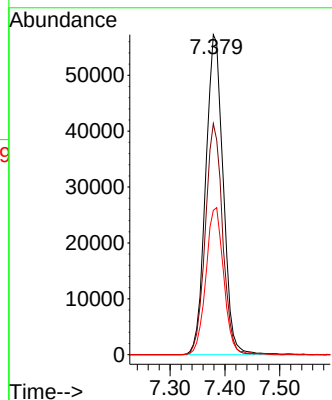
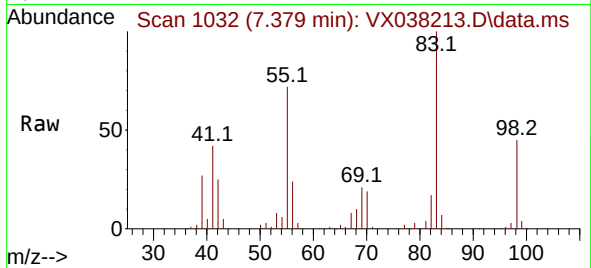
VSTDCCC050EC

Tgt Ion: 83 Resp: 126590
Ion Ratio Lower Upper
83 100
55 72.2 64.6 97.0
98 45.1 36.7 55.1

Manual Integrations

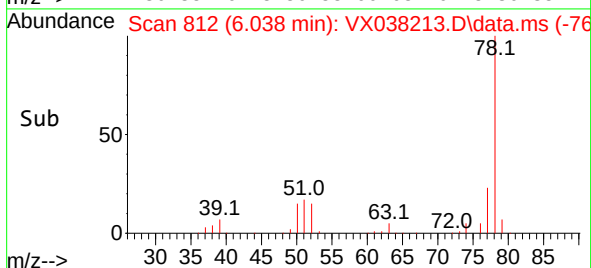
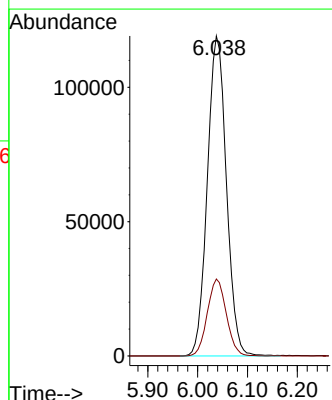
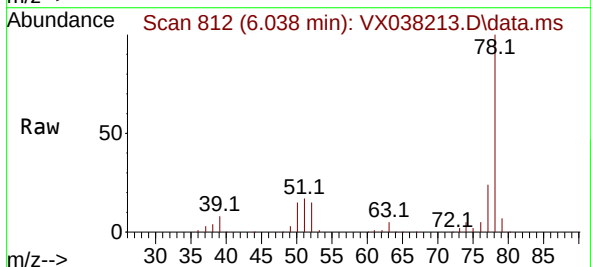
APPROVED

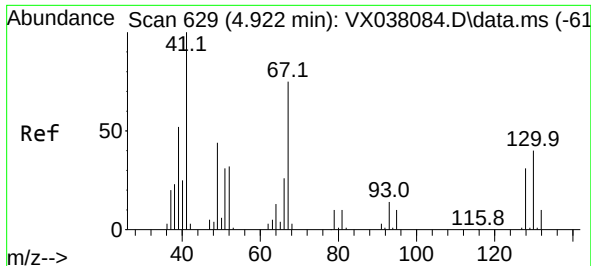
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#40
Benzene
Concen: 51.614 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

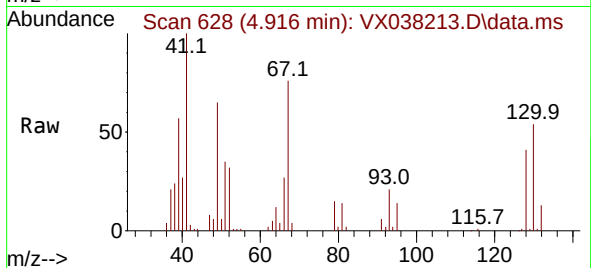
Tgt Ion: 78 Resp: 316301
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 53.023 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

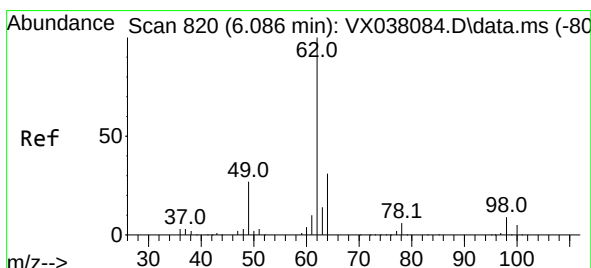
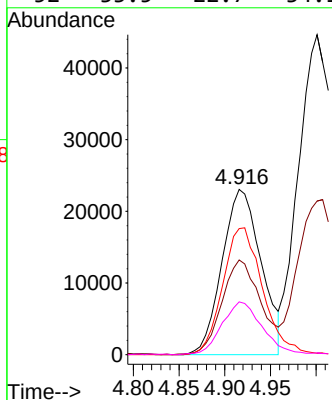
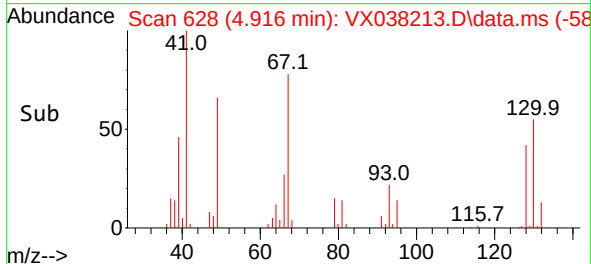
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 68630
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 78.8 52.6 78.8
52 33.5 22.7 34.1

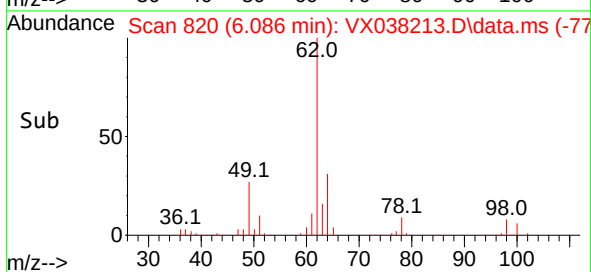
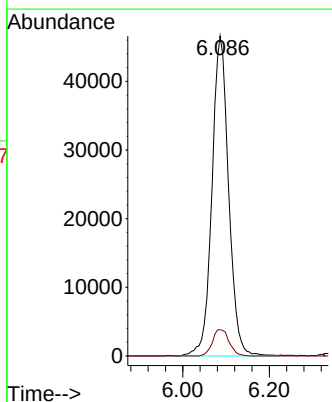
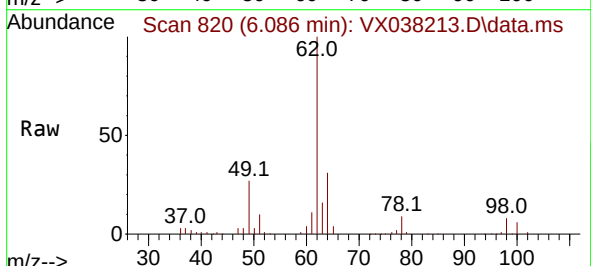
Manual Integrations
APPROVED

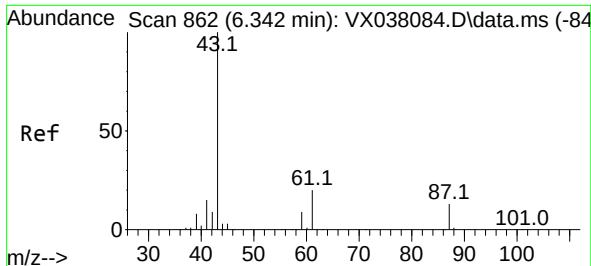
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#42
1,2-Dichloroethane
Concen: 50.876 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

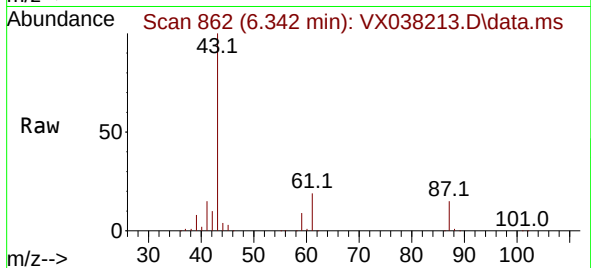
Tgt Ion: 62 Resp: 124565
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.360 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

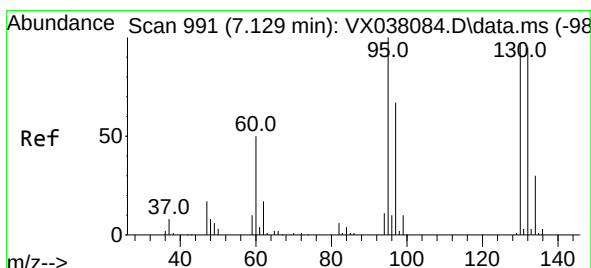
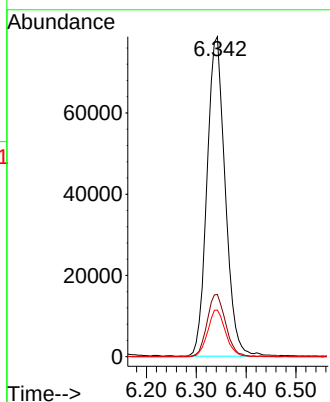
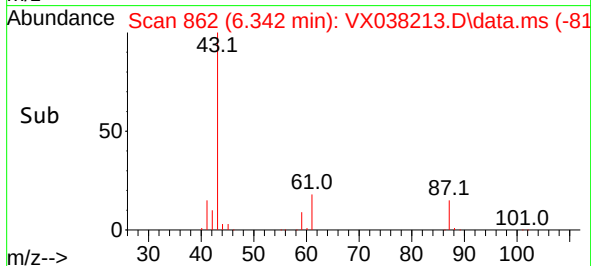
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19951
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 14.4 9.8 14.6

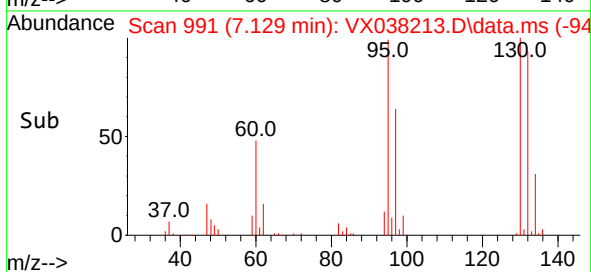
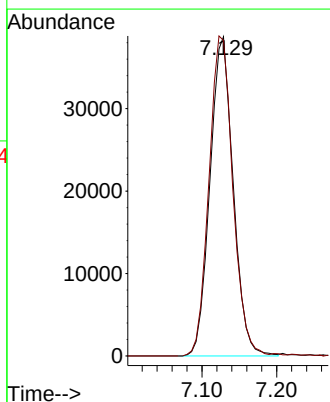
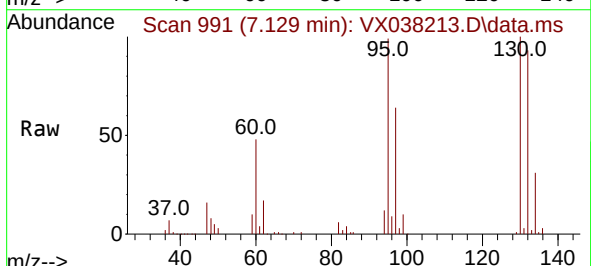
Manual Integrations
APPROVED

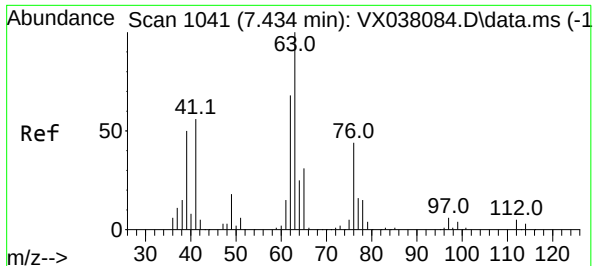
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#44
Trichloroethene
Concen: 52.158 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion:130 Resp: 83599
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.781 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 82129

Ion Ratio Lower Upper

63 100

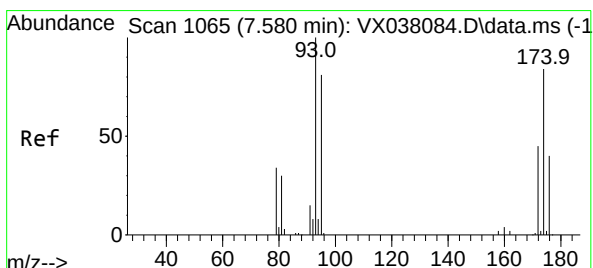
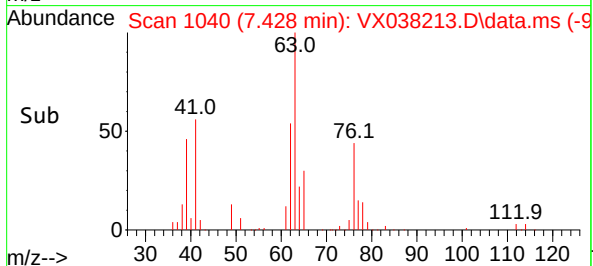
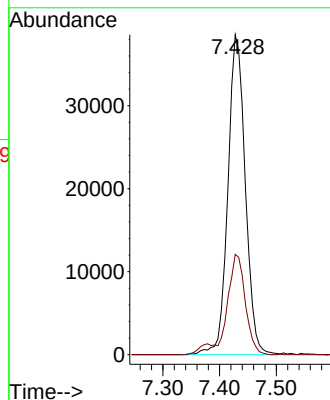
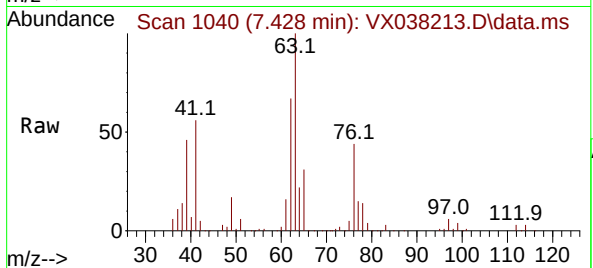
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 51.352 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

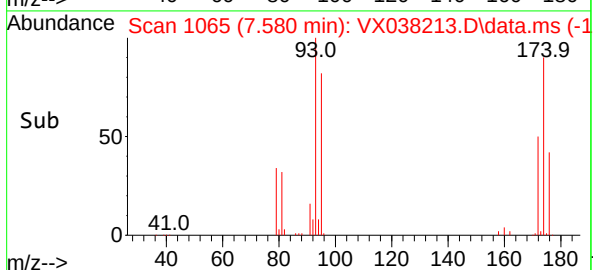
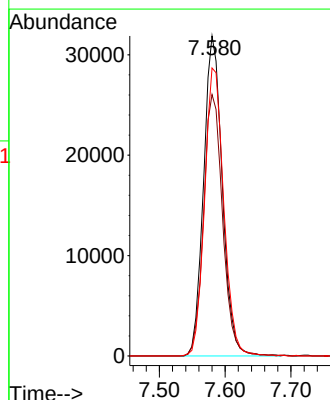
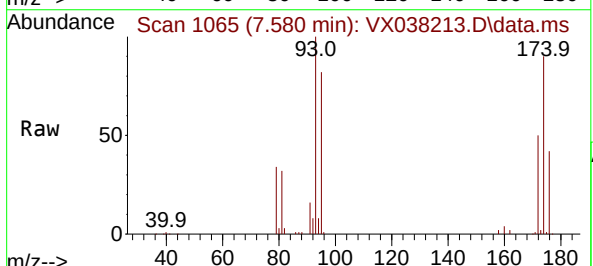
Tgt Ion: 93 Resp: 63170

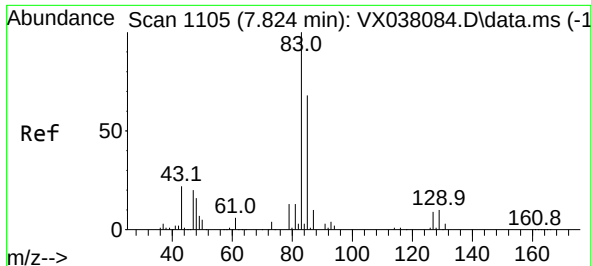
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

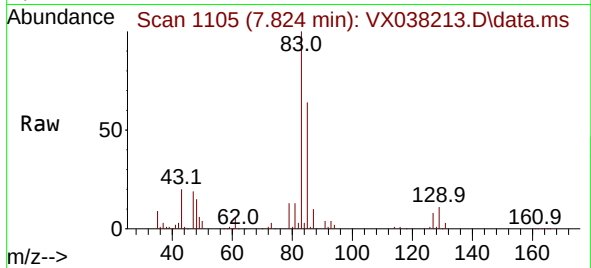
174 92.1 69.4 104.0





#47
Bromodichloromethane
Concen: 54.128 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

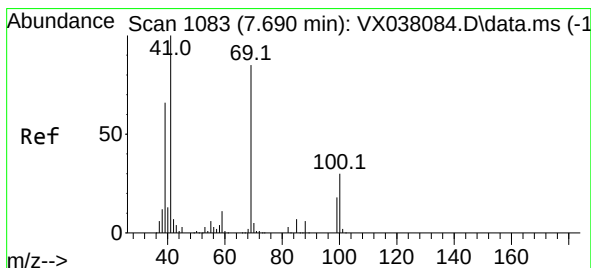
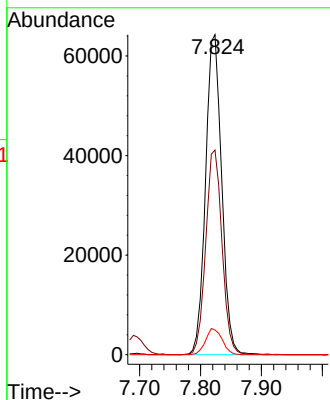
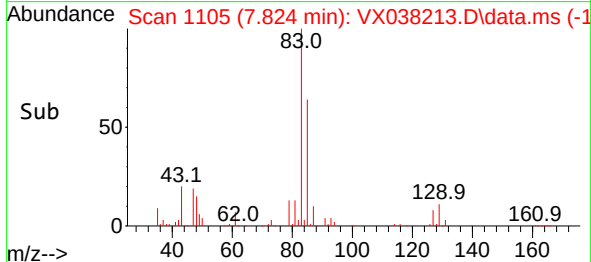
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11845
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 7.7 7.1 10.7

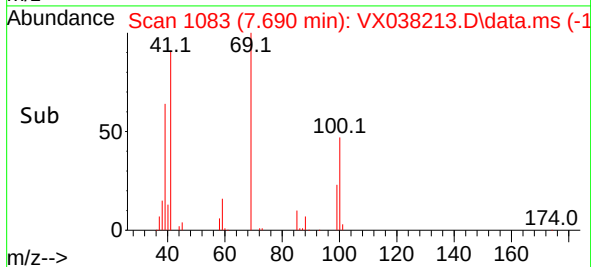
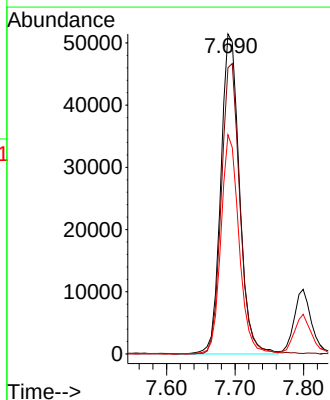
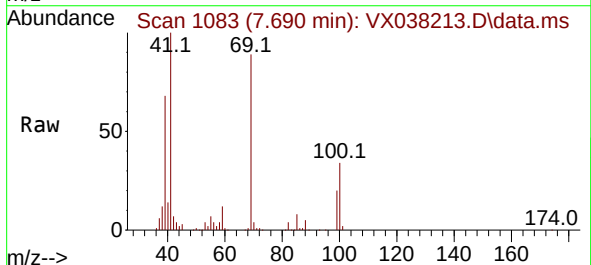
Manual Integrations
APPROVED

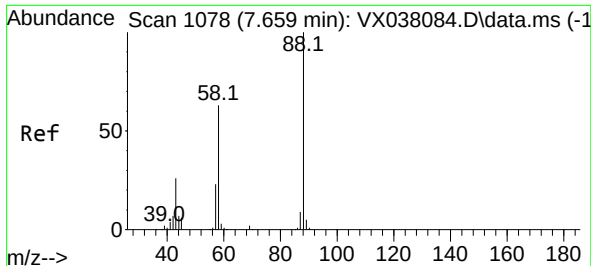
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#48
Methyl methacrylate
Concen: 52.268 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 41 Resp: 96927
Ion Ratio Lower Upper
41 100
69 90.3 59.2 88.8#
39 66.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1003.506 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

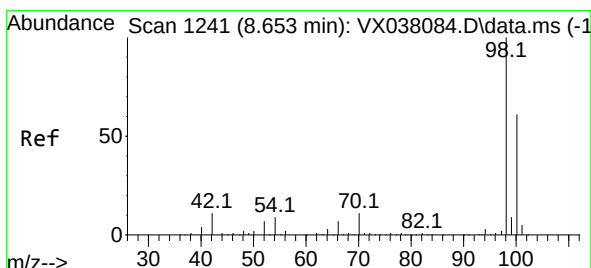
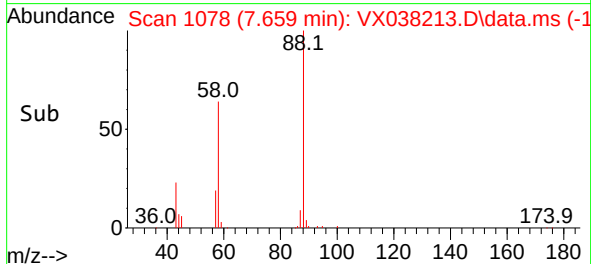
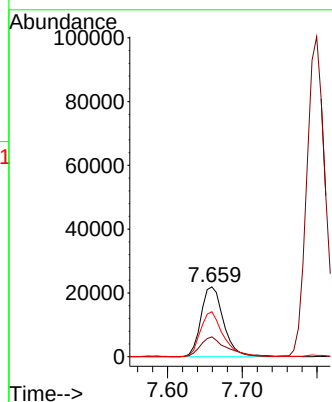
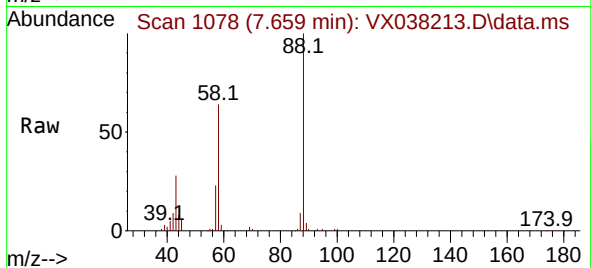
Tgt Ion: 88 Resp: 4585
 Ion Ratio Lower Upper
 88 100
 43 32.6 0.0 0.0
 58 65.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#50

Toluene-d8

Concen: 50.280 ug/l

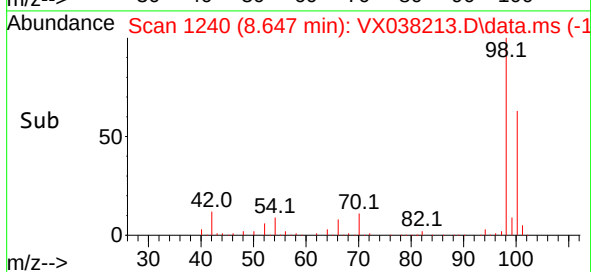
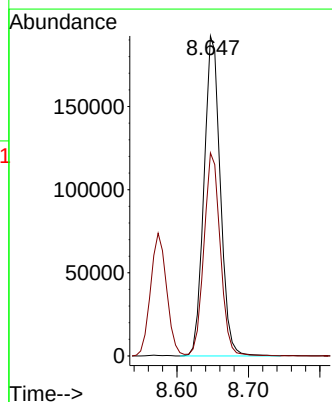
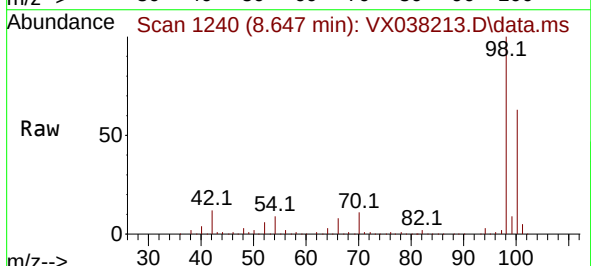
RT: 8.647 min Scan# 1240

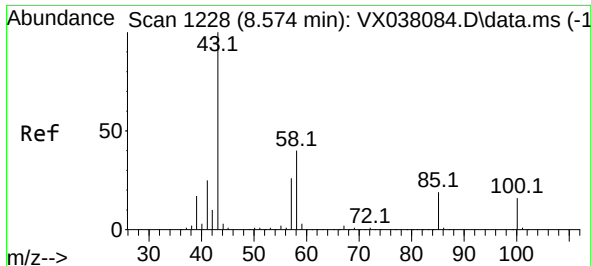
Delta R.T. -0.006 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

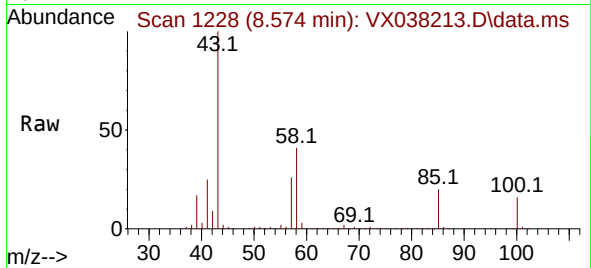
Tgt Ion: 98 Resp: 305269
 Ion Ratio Lower Upper
 98 100
 100 63.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 267.535 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

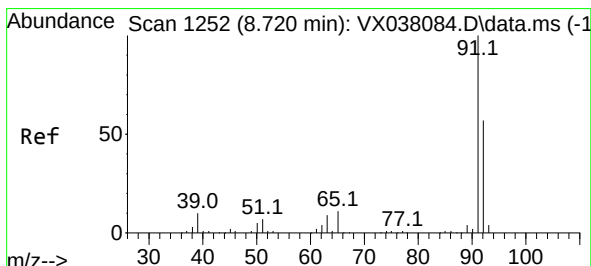
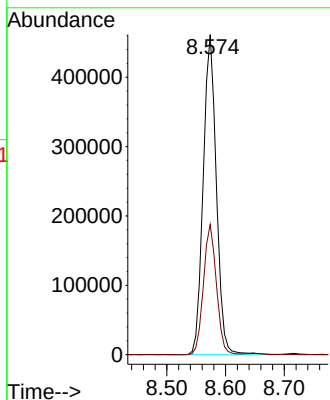
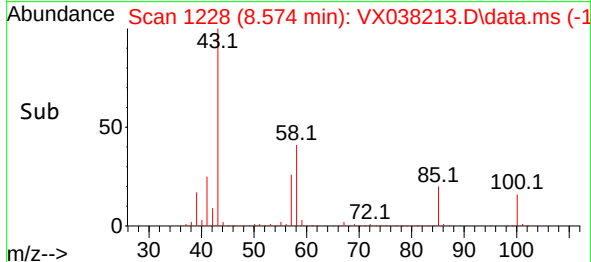
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



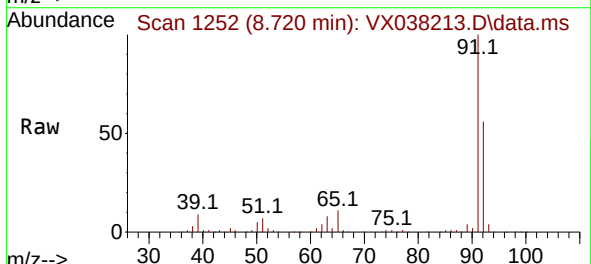
Tgt Ion: 43 Resp: 716830
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

Manual Integrations
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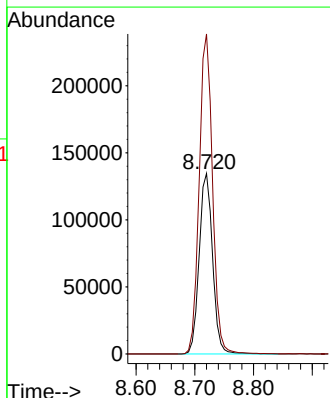
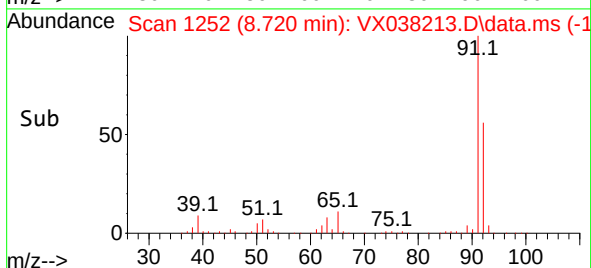
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

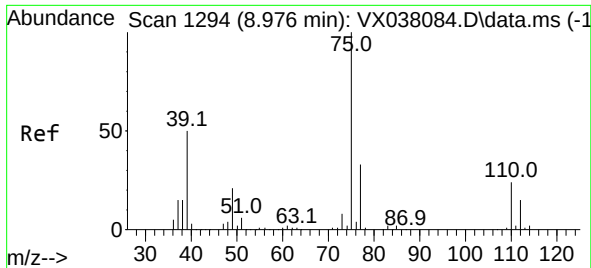


#52
Toluene
Concen: 53.388 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



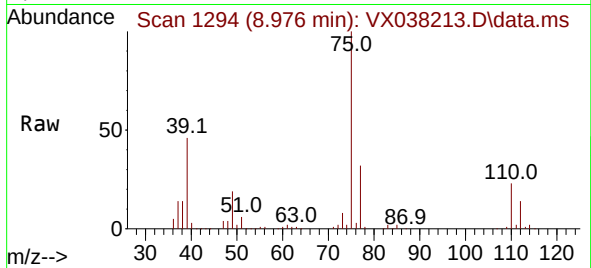
Tgt Ion: 92 Resp: 213118
Ion Ratio Lower Upper
92 100
91 176.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.769 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

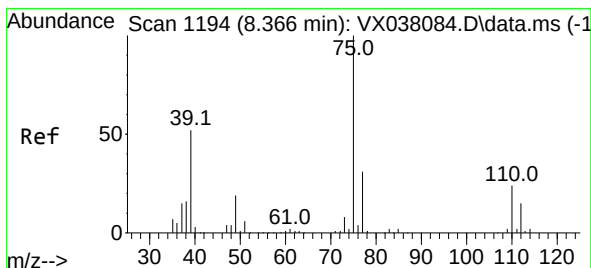
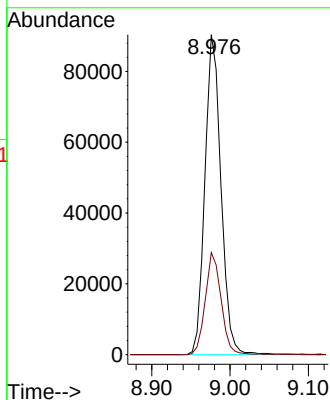
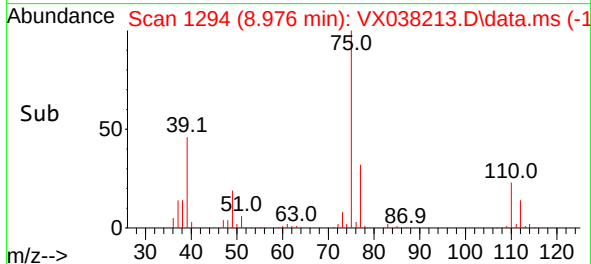
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



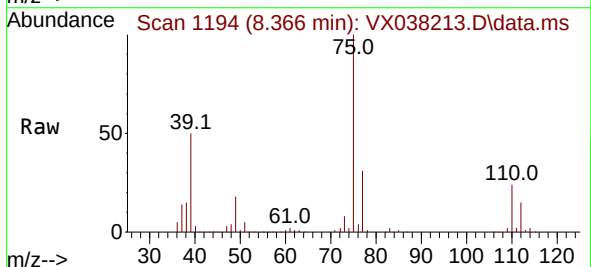
Tgt Ion: 75 Resp: 12865
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

Manual Integrations
APPROVED

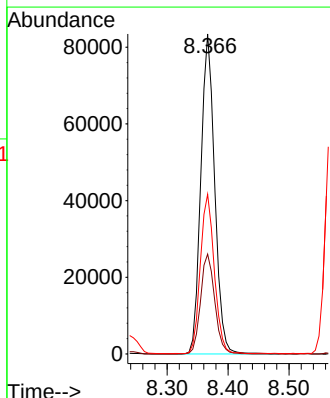
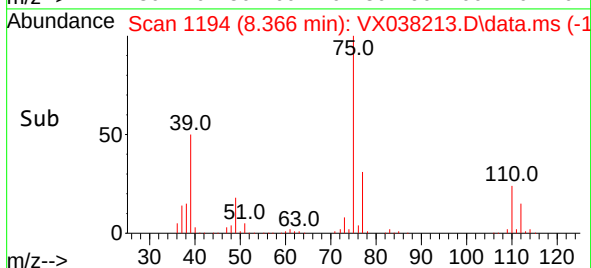
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

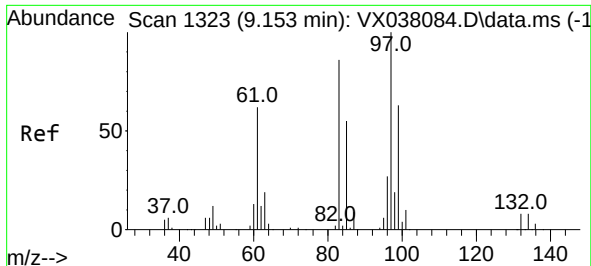


#54
cis-1,3-Dichloropropene
Concen: 53.469 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



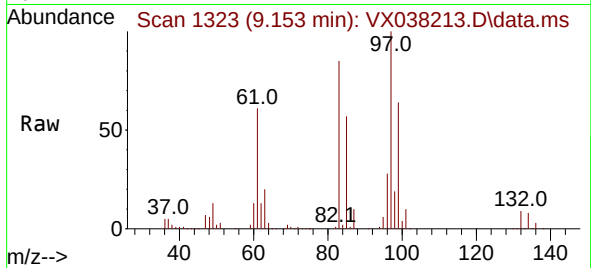
Tgt Ion: 75 Resp: 131959
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 49.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.659 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

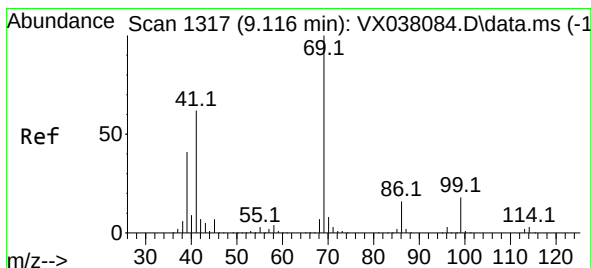
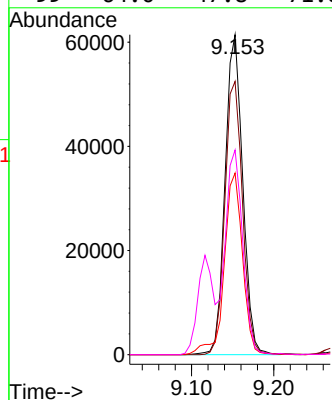
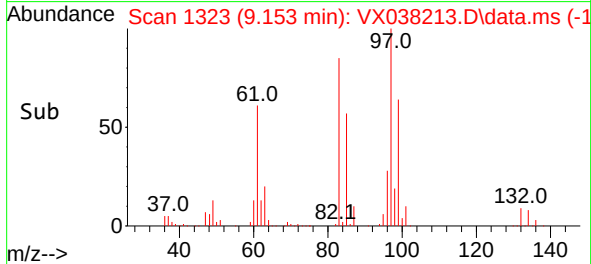
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



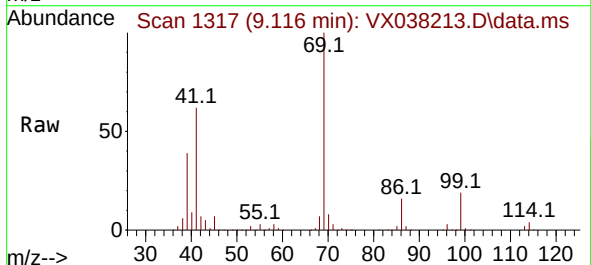
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.8	98.8
85	56.7	41.6	62.4
99	64.0	47.8	71.8

Manual Integrations
APPROVED

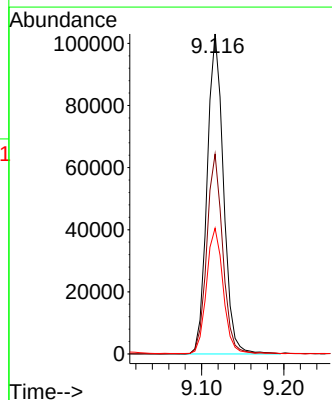
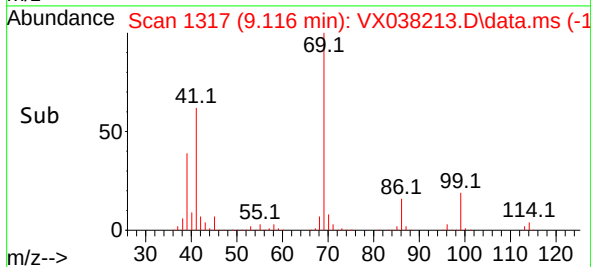
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

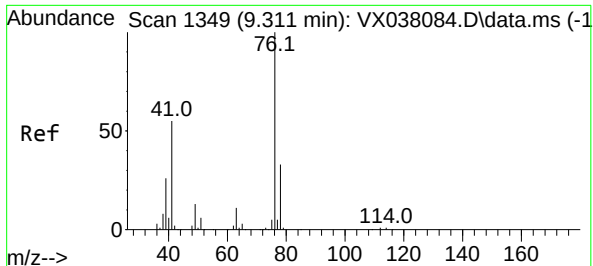


#56
Ethyl methacrylate
Concen: 54.301 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	56.8	85.2
39	40.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 53.624 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

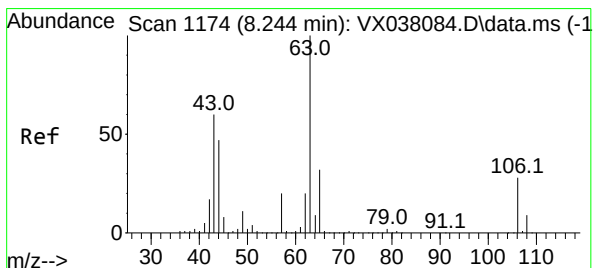
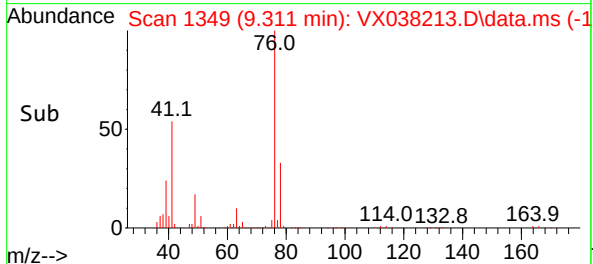
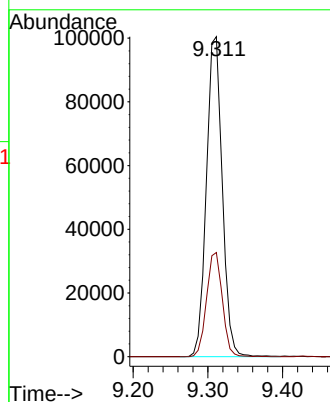
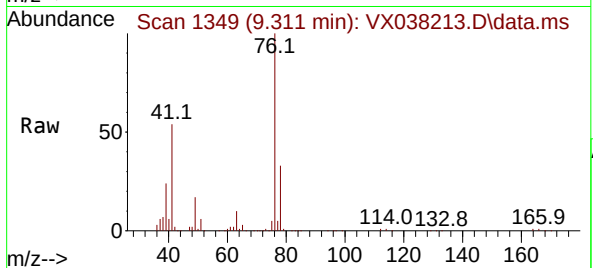
VSTDCCC050EC

Tgt Ion: 76 Resp: 14808
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations

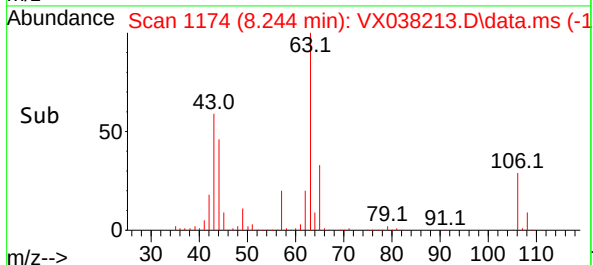
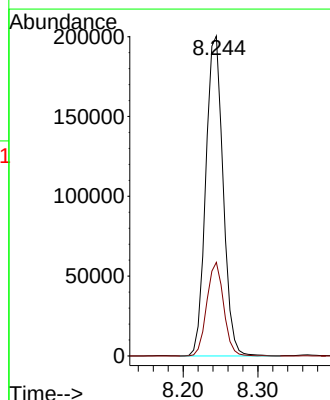
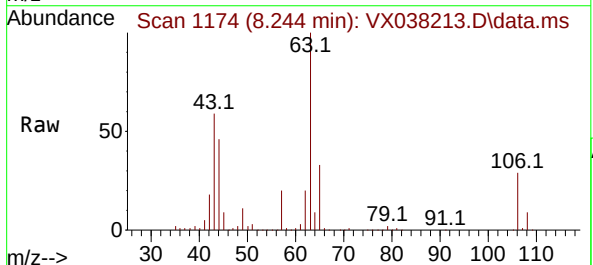
APPROVED

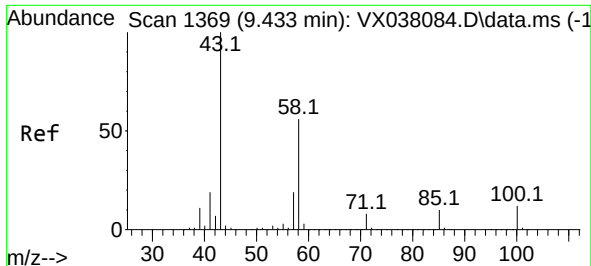
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 250.244 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

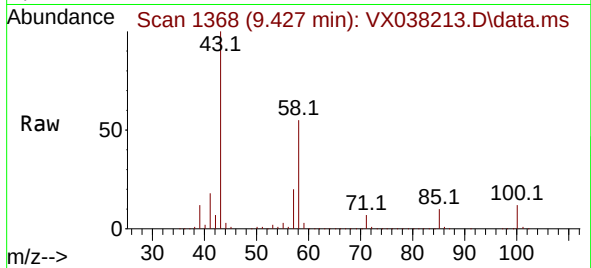
Tgt Ion: 63 Resp: 321569
Ion Ratio Lower Upper
63 100
106 28.5 22.5 33.7





#59
2-Hexanone
Concen: 267.401 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

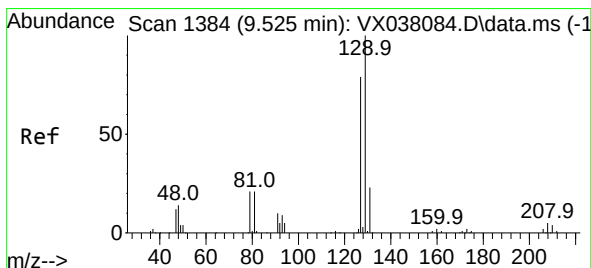
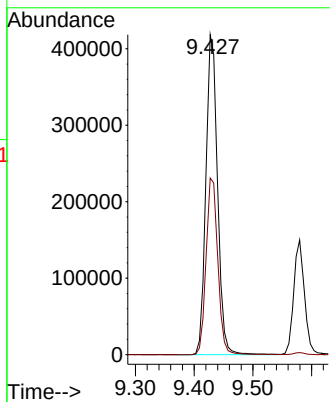
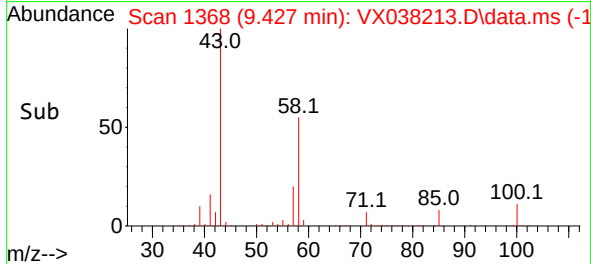
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 575990
Ion Ratio Lower Upper
43 100
58 55.8 26.2 78.5

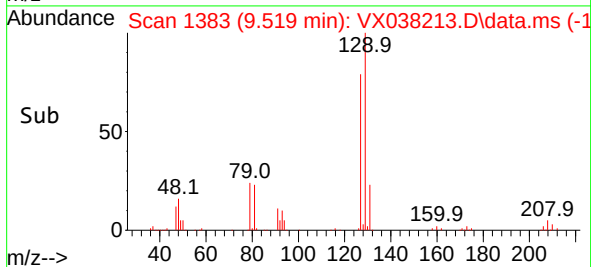
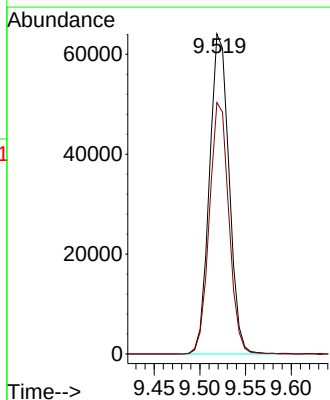
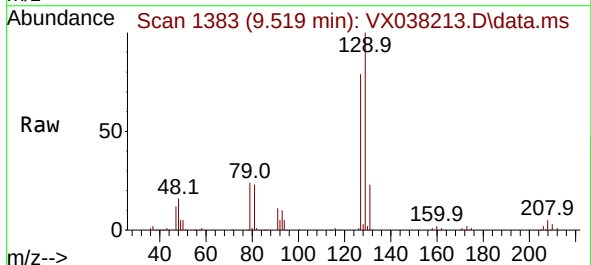
Manual Integrations
APPROVED

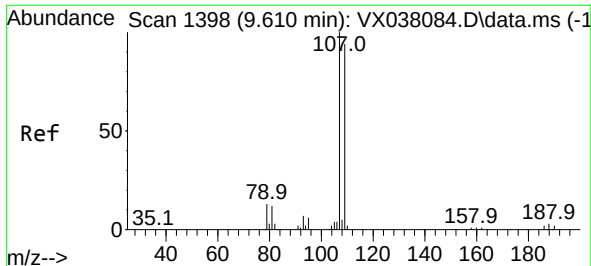
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#60
Dibromochloromethane
Concen: 57.170 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

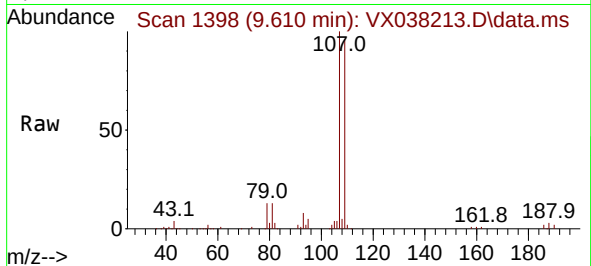
Tgt Ion:129 Resp: 95536
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.492 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

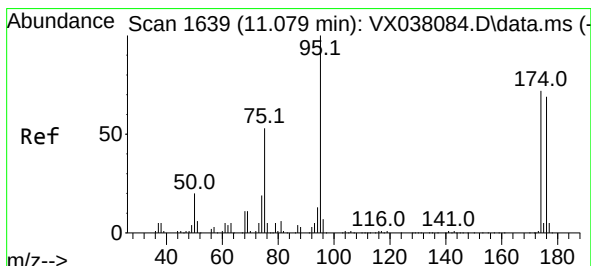
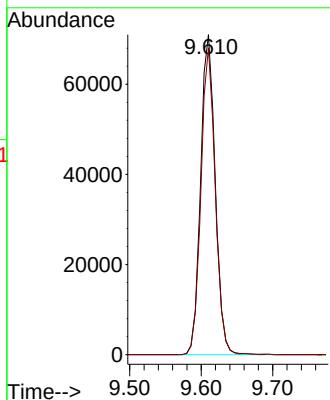
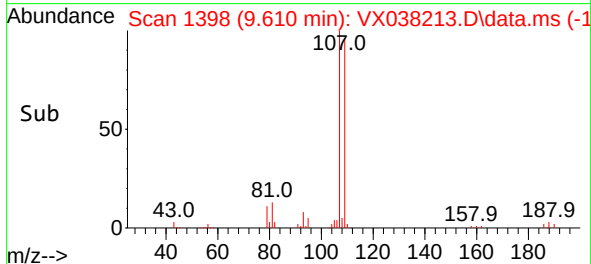
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 100617
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

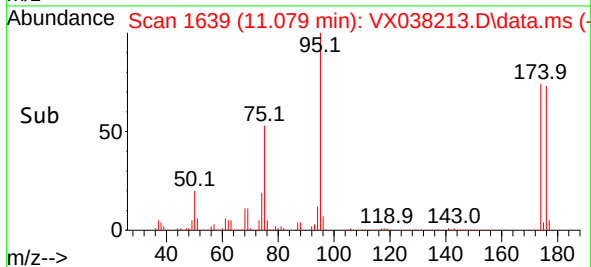
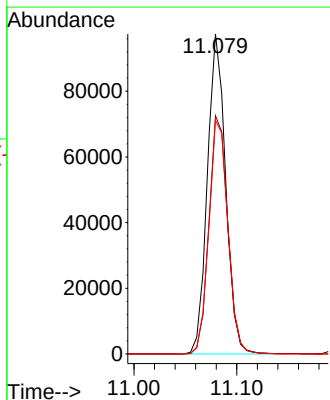
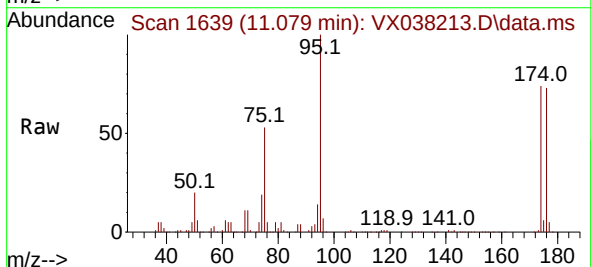
Manual Integrations
APPROVED

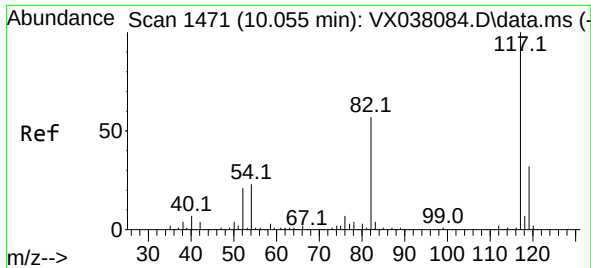
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 52.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

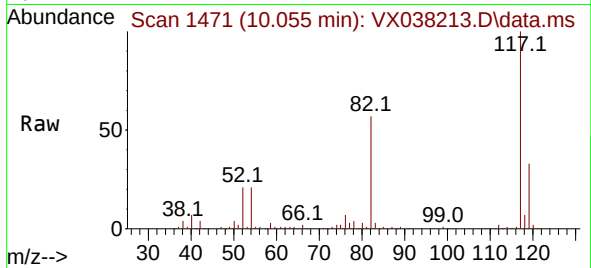
Tgt Ion: 95 Resp: 120434
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 75.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

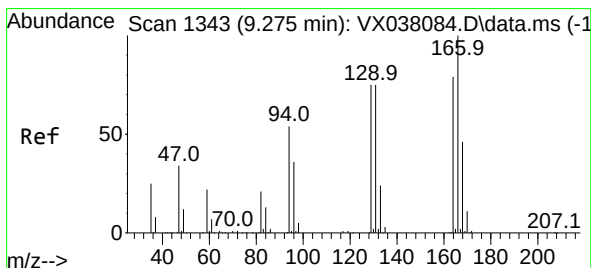
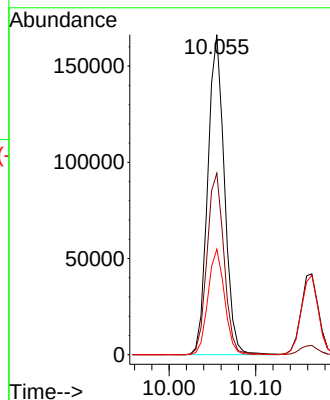
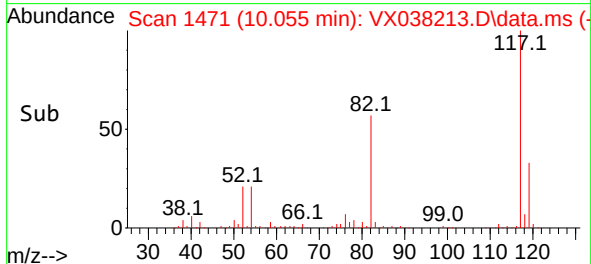
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22222
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 33.0 25.5 38.3

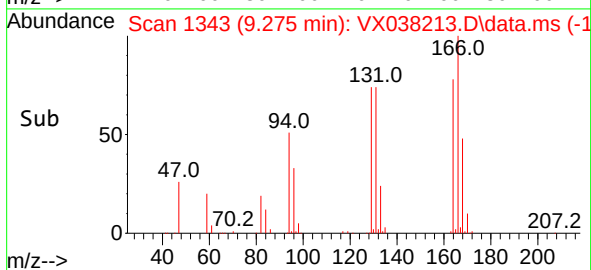
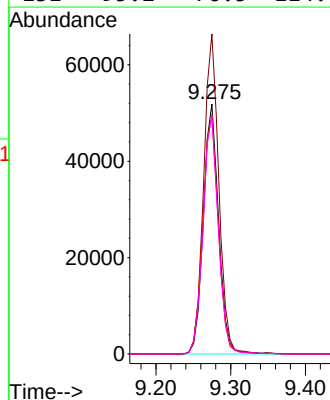
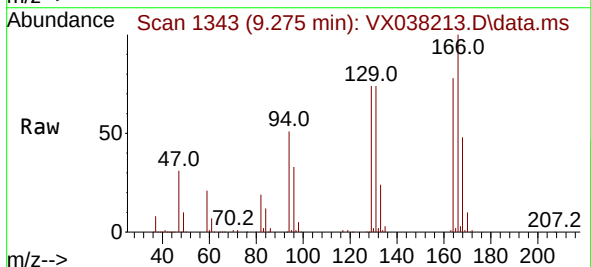
Manual Integrations
APPROVED

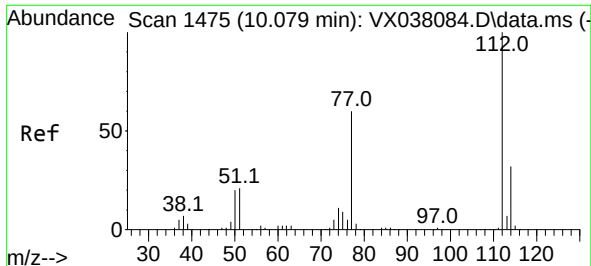
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#64
Tetrachloroethene
Concen: 51.104 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

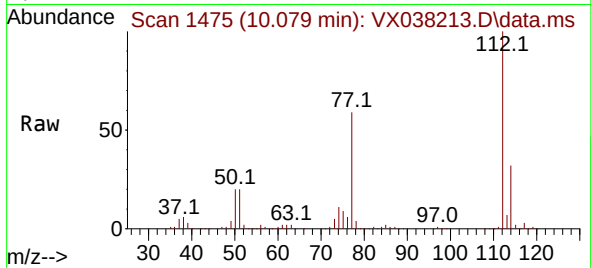
Tgt Ion:164 Resp: 73518
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 95.2 80.4 120.6
131 95.2 76.5 114.7





#65
Chlorobenzene
Concen: 50.565 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

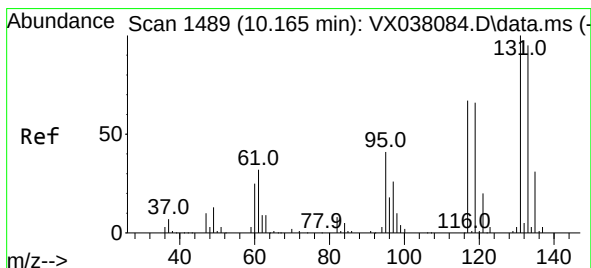
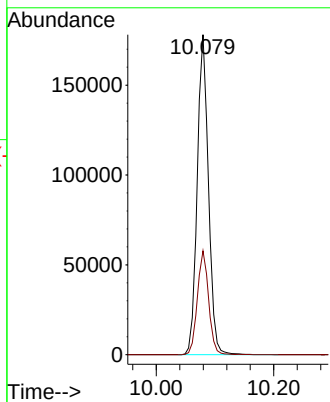
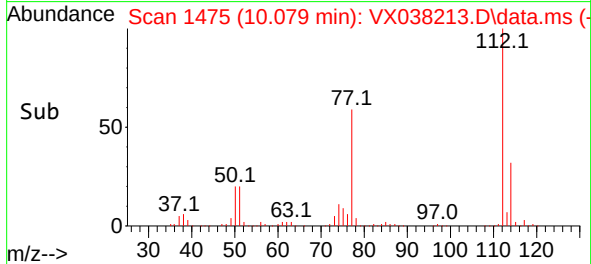
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



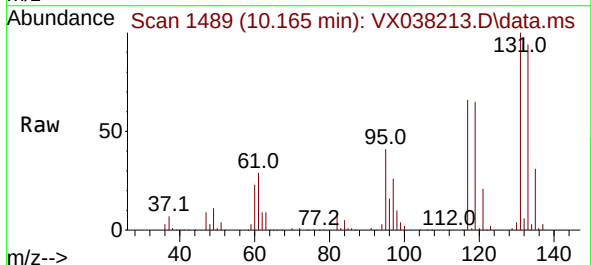
Tgt Ion:112 Resp: 235130
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

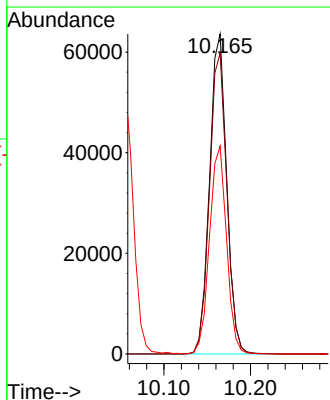
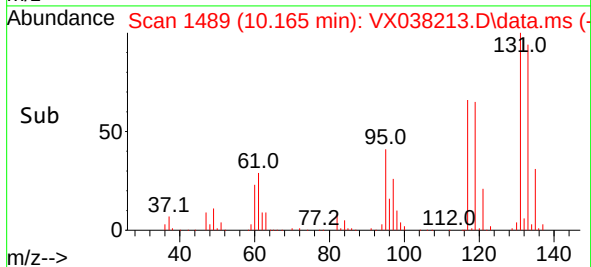
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

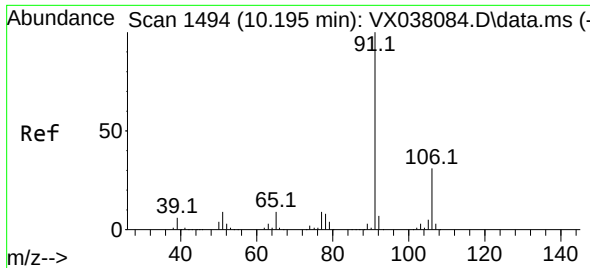


#66
1,1,1,2-Tetrachloroethane
Concen: 55.658 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



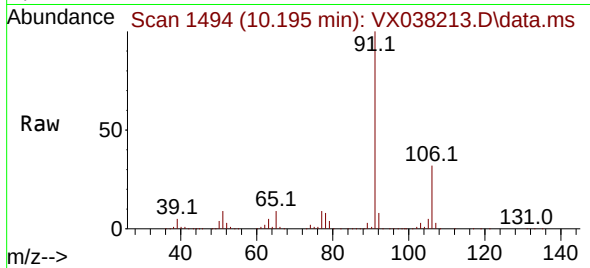
Tgt Ion:131 Resp: 87518
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 51.541 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

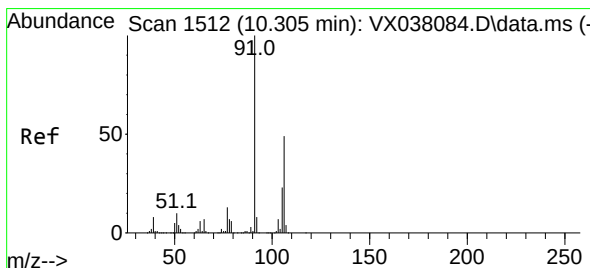
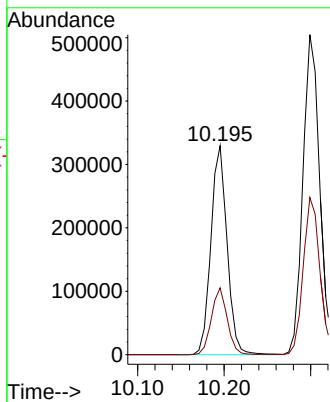
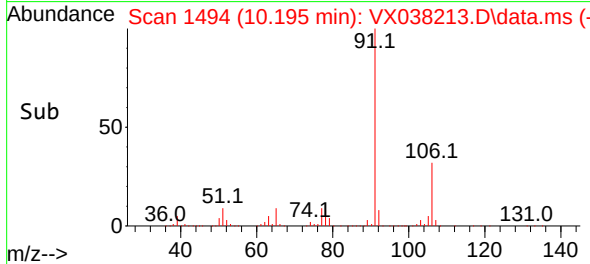
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



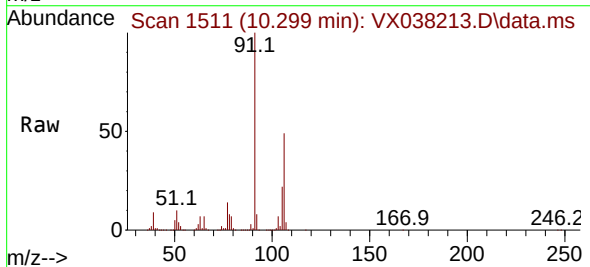
Tgt Ion: 91 Resp: 427800
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

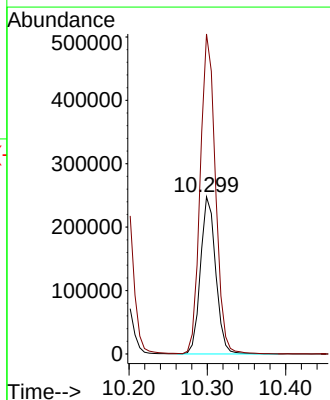
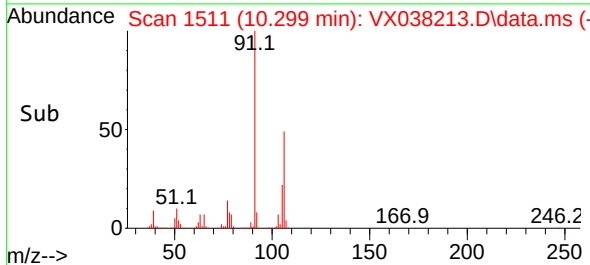
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

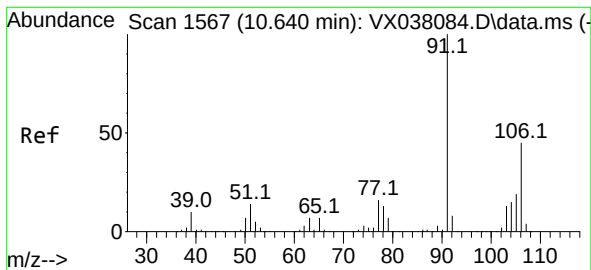


#68
m/p-Xylenes
Concen: 103.879 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



Tgt Ion:106 Resp: 333394
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3





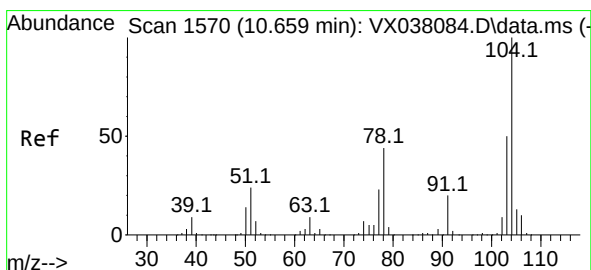
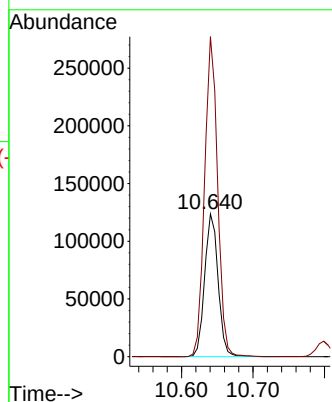
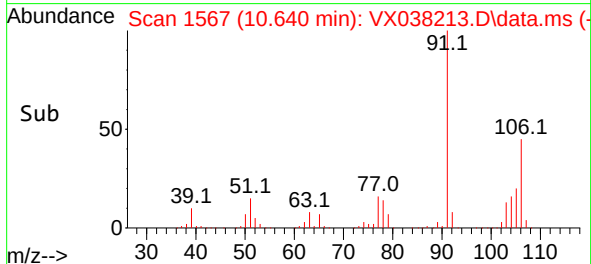
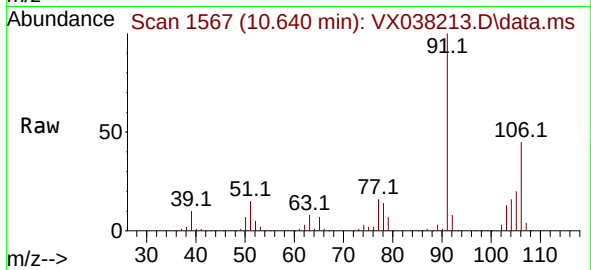
#69
o-Xylene
Concen: 51.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 161272
Ion Ratio Lower Upper
106 100
91 217.7 108.9 326.8

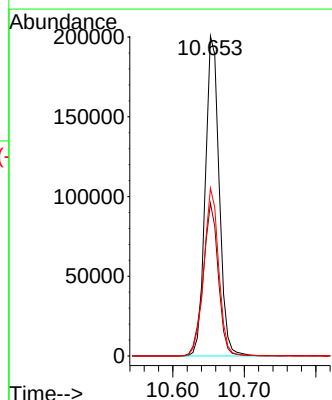
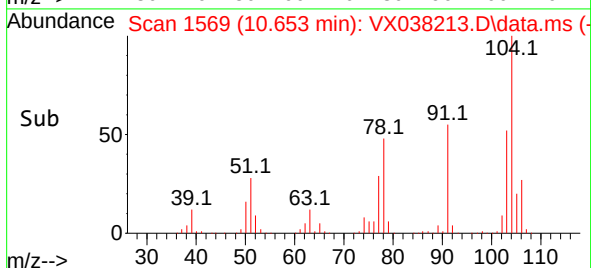
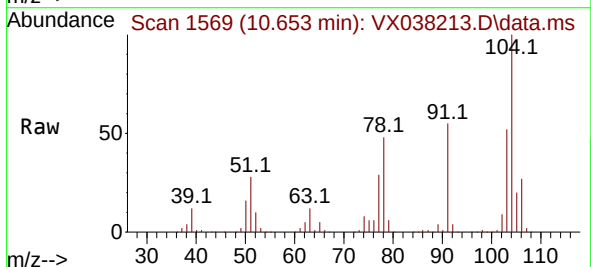
Manual Integrations
APPROVED

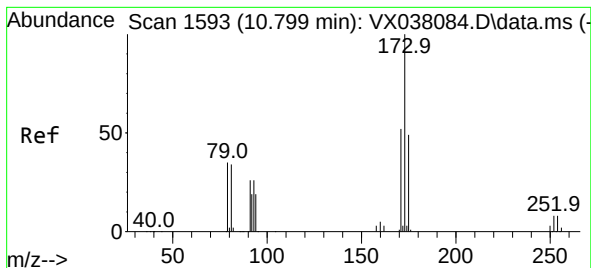
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 53.299 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion:104 Resp: 271890
Ion Ratio Lower Upper
104 100
78 51.6 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 48.523 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

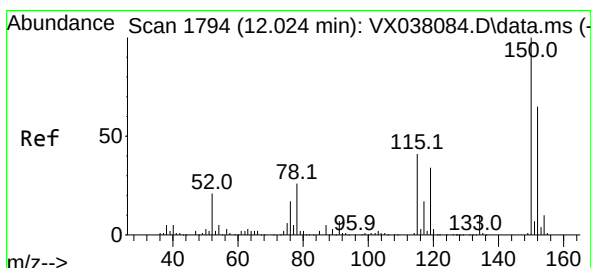
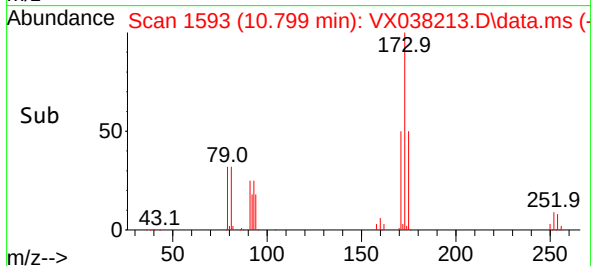
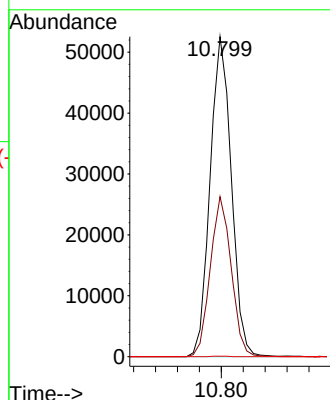
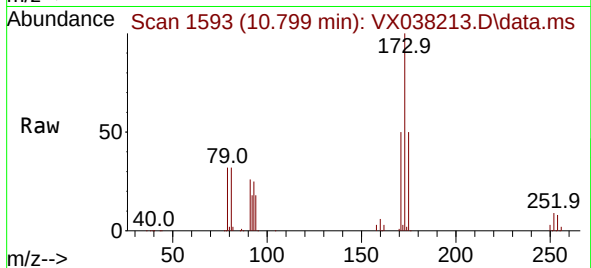
Tgt Ion:173	Resp:	70650
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

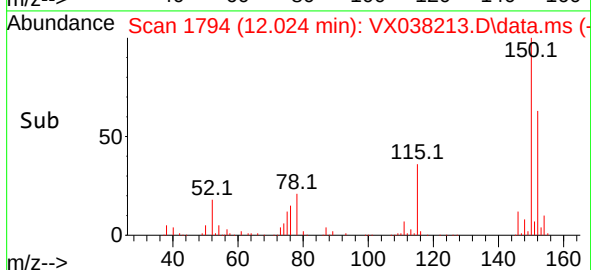
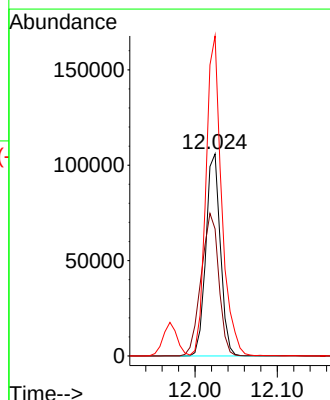
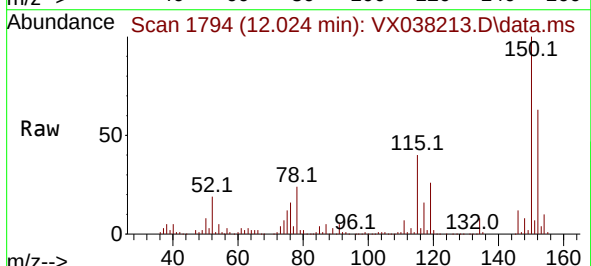
RT: 12.024 min Scan# 1794

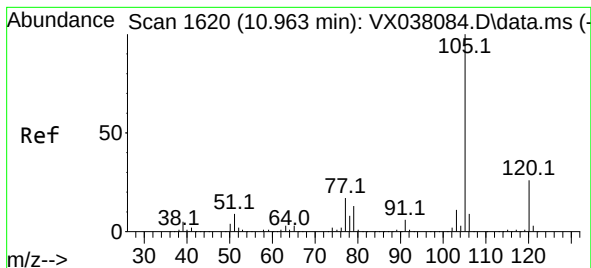
Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Tgt Ion:152	Resp:	129908
Ion Ratio	Lower	Upper
152	100	
115	85.7	43.3 129.9
150	171.2	0.0 345.0





#73

Isopropylbenzene

Concen: 49.436 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 430690

Ion Ratio Lower Upper

105 100

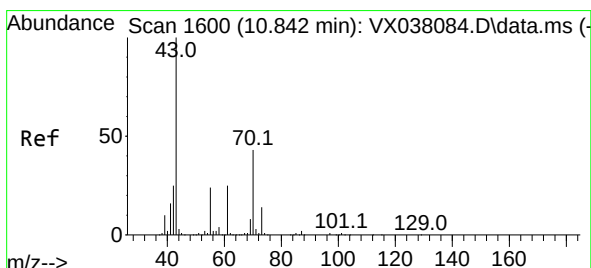
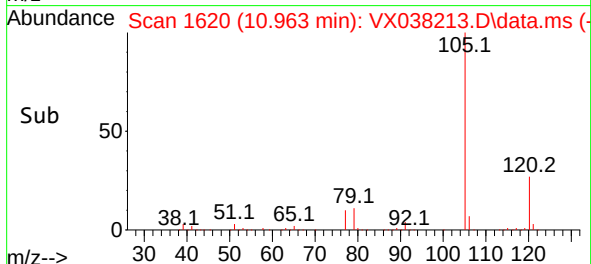
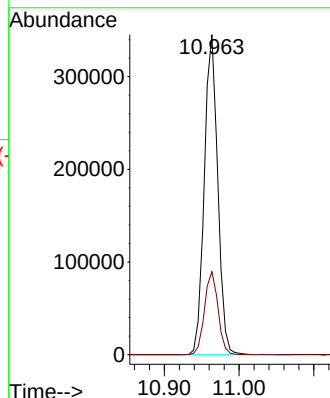
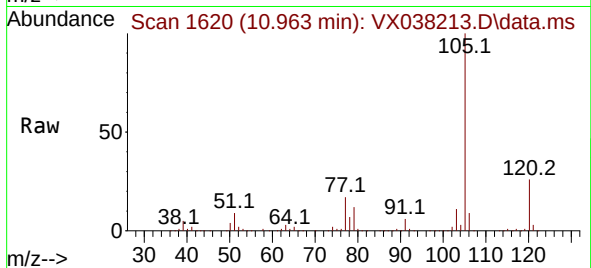
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#74

N-ethyl acetate

Concen: 49.835 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Tgt Ion: 43 Resp: 185403

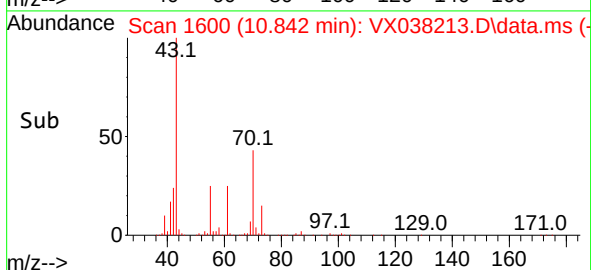
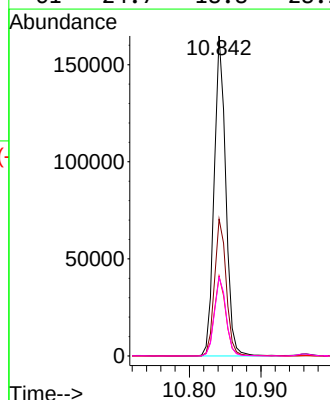
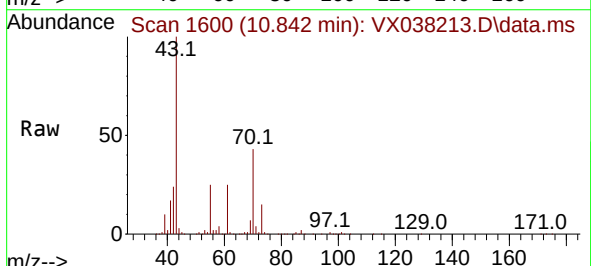
Ion Ratio Lower Upper

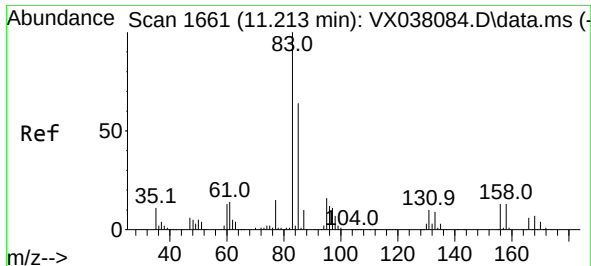
43 100

70 43.4 32.9 49.3

55 25.0 19.3 28.9

61 24.7 18.8 28.2





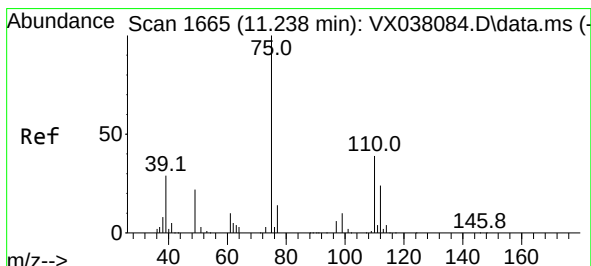
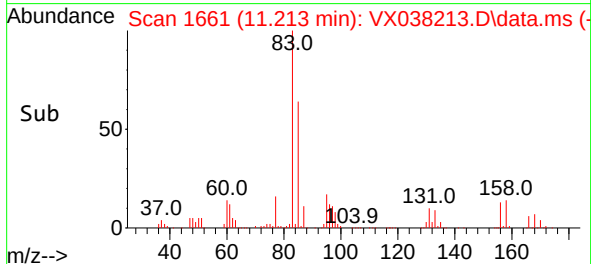
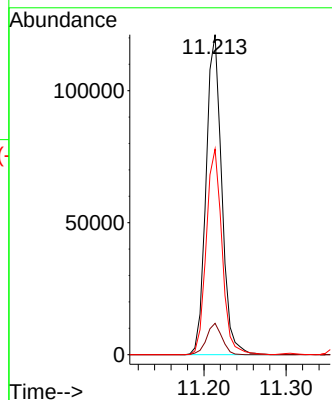
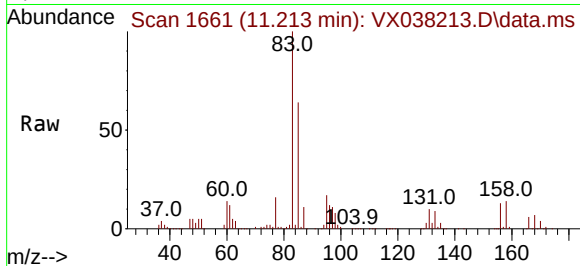
#75
1,1,2,2-Tetrachloroethane
Concen: 50.234 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16058
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.5 32.0 96.2

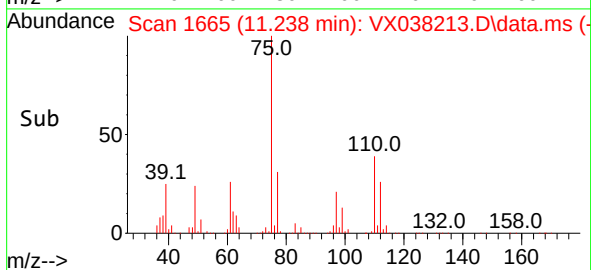
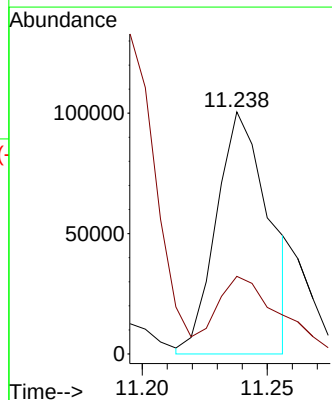
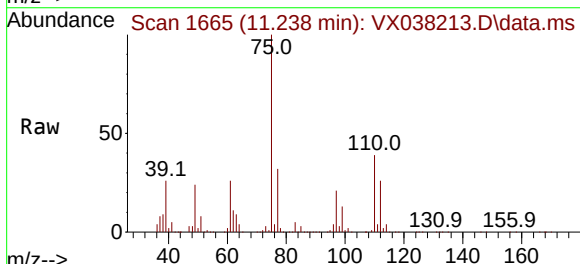
Manual Integrations
APPROVED

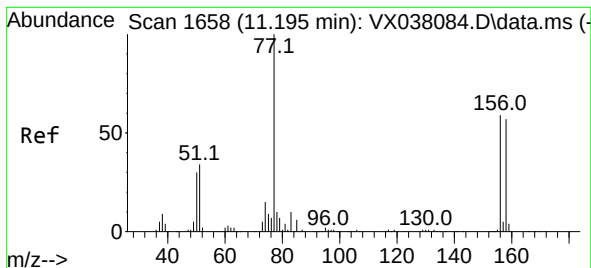
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#76
1,2,3-Trichloropropane
Concen: 49.696 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 75 Resp: 146768
Ion Ratio Lower Upper
75 100
77 38.6 19.1 57.5





#77

Bromobenzene

Concen: 49.654 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

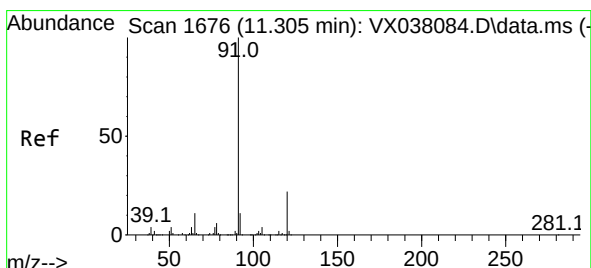
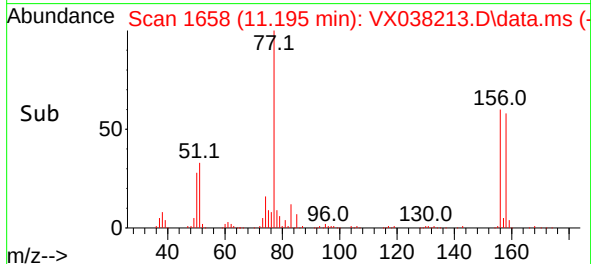
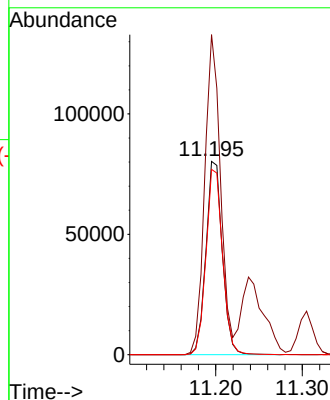
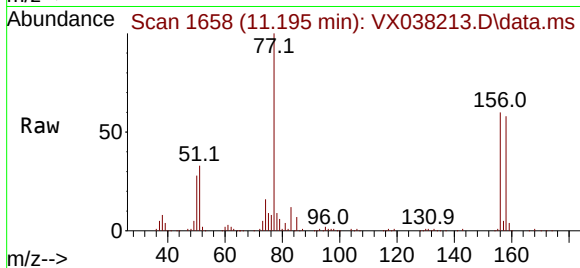
Tgt Ion:	156	Resp:	10561
Ion Ratio	Lower	Upper	
156	100		
77	159.0	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#78

n-propylbenzene

Concen: 48.982 ug/l

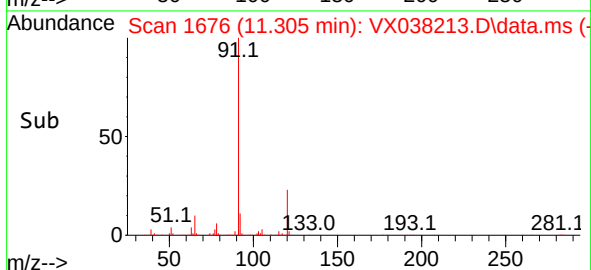
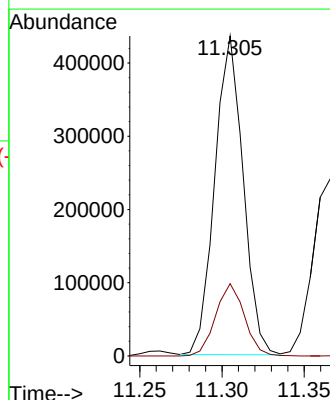
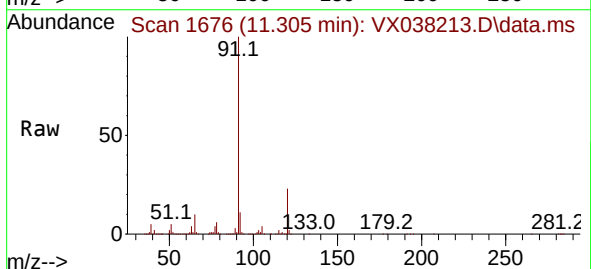
RT: 11.305 min Scan# 1676

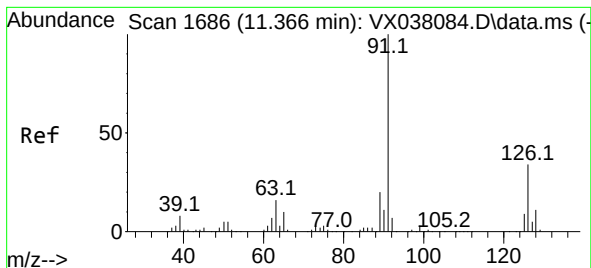
Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Tgt Ion:	91	Resp:	521787
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





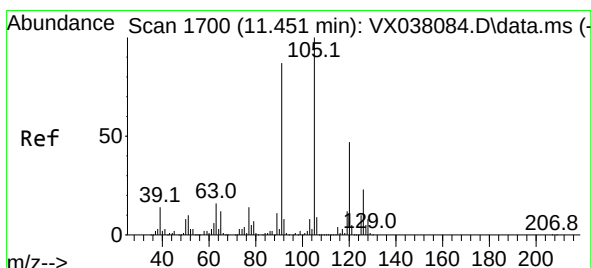
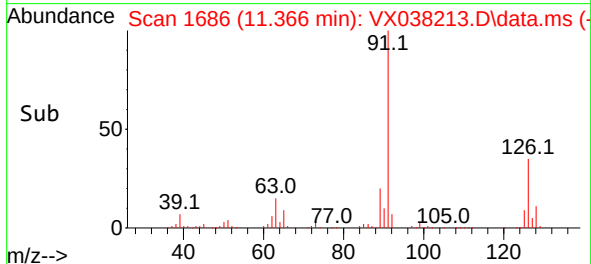
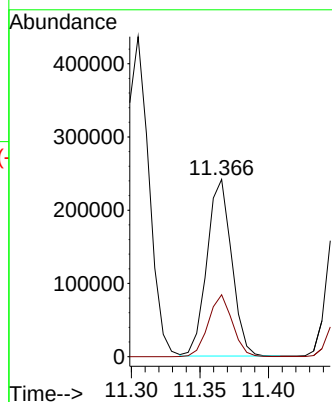
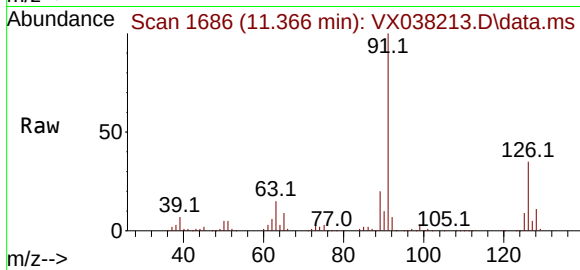
#79
2-Chlorotoluene
Concen: 47.923 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 302754
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

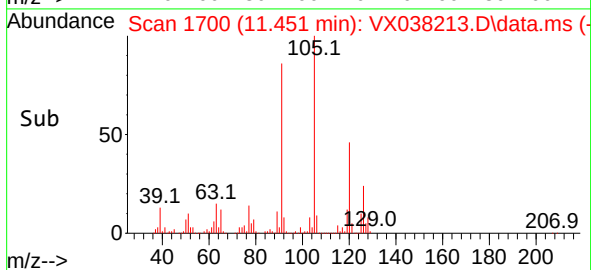
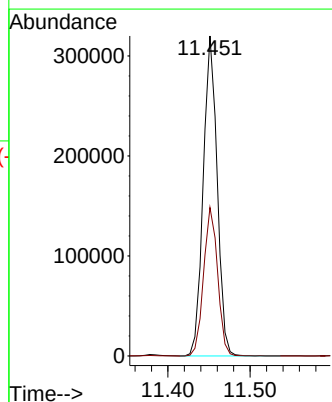
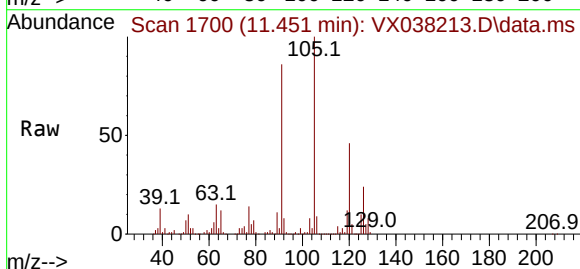
Manual Integrations
APPROVED

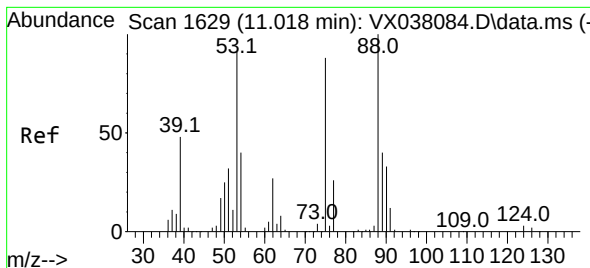
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.024 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion:105 Resp: 375987
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





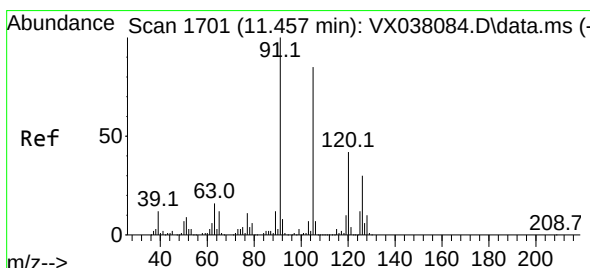
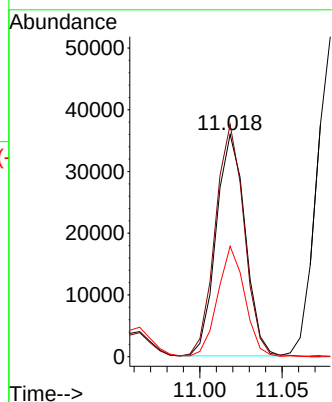
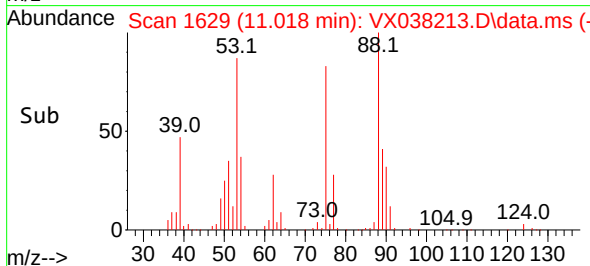
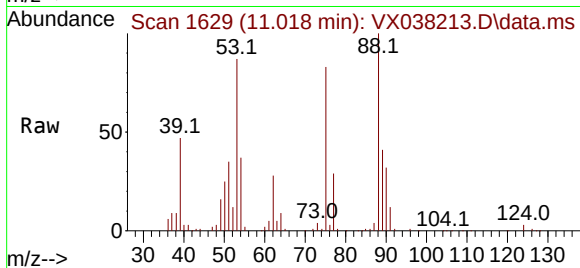
#81
trans-1,4-Dichloro-2-butene
Concen: 44.101 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4408
Ion Ratio Lower Upper
75 100
53 104.3 90.5 135.7
89 46.6 36.9 55.3

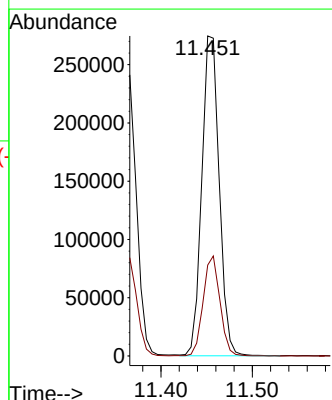
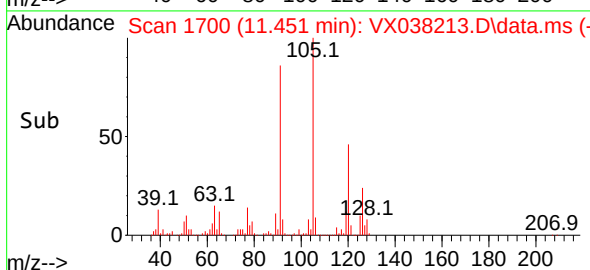
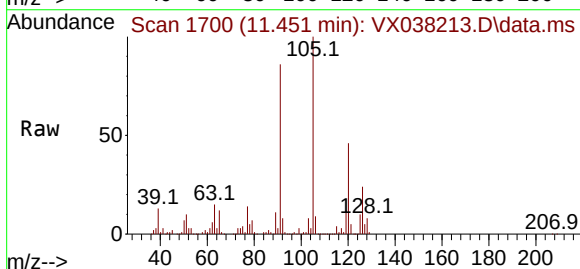
Manual Integrations
APPROVED

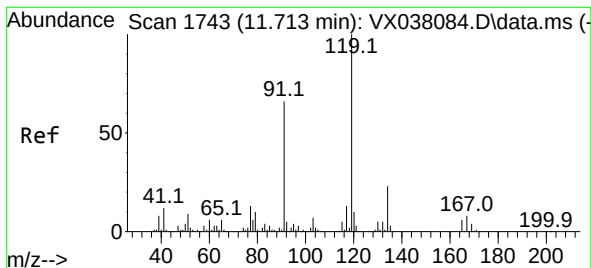
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#82
4-Chlorotoluene
Concen: 48.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

Tgt Ion: 91 Resp: 362584
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.160 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 375738

Ion Ratio Lower Upper

119 100

91 59.6 31.2 93.6

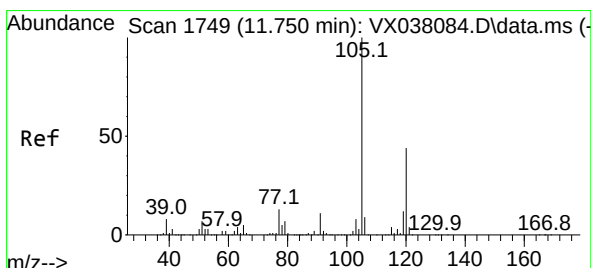
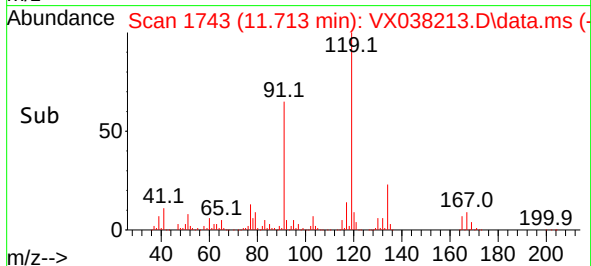
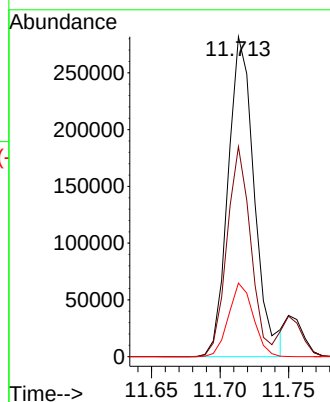
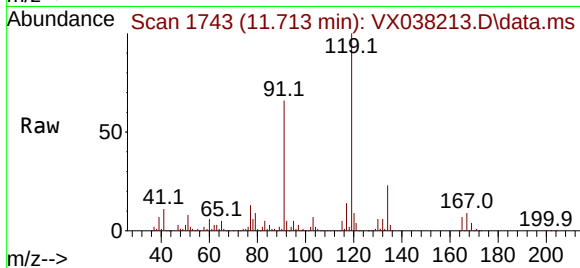
134 21.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.198 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038213.D

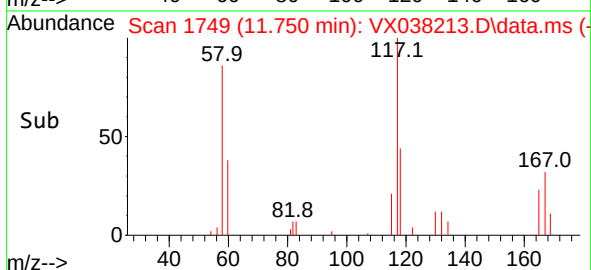
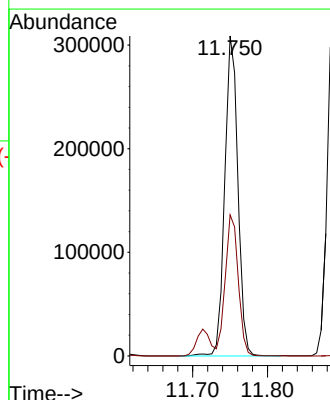
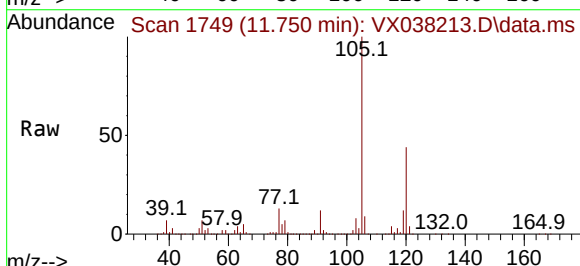
Acq: 10 Oct 2023 19:47

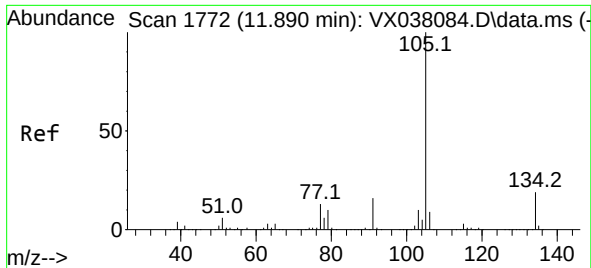
Tgt Ion:105 Resp: 376188

Ion Ratio Lower Upper

105 100

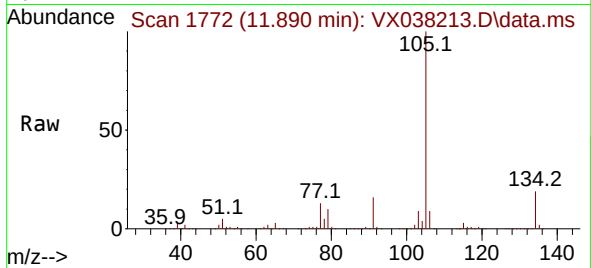
120 43.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.512 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47

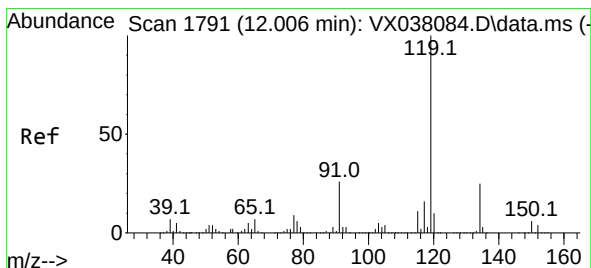
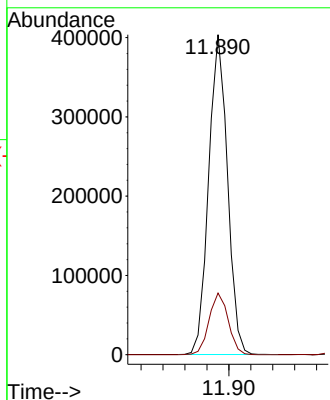
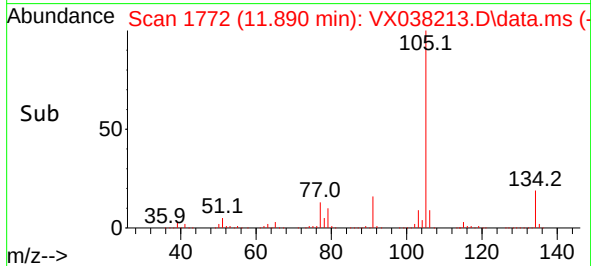
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



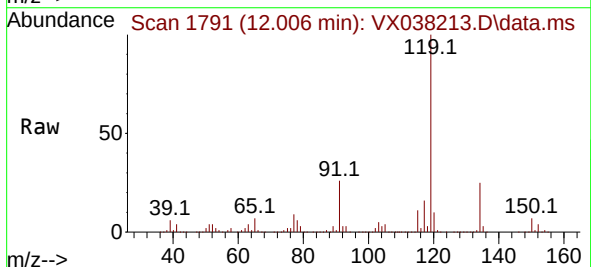
Tgt Ion:105 Resp: 48055
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

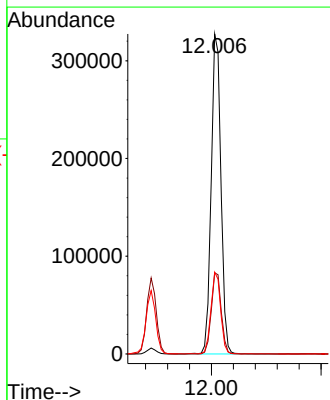
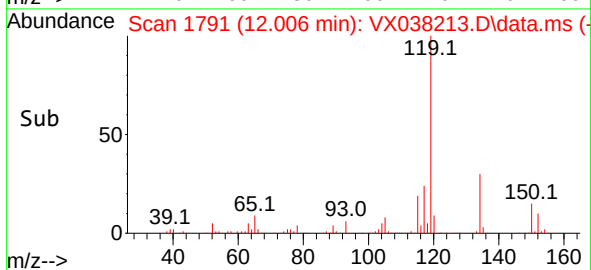
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

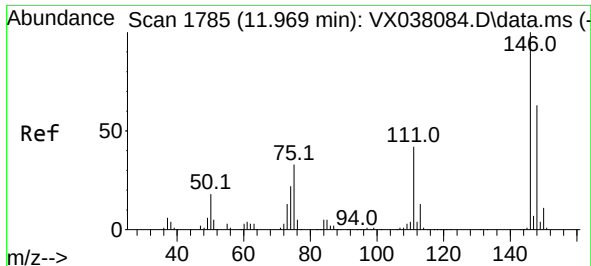


#86
 p-Isopropyltoluene
 Concen: 50.973 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038213.D
 Acq: 10 Oct 2023 19:47



Tgt Ion:119 Resp: 400103
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.594 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038213.D

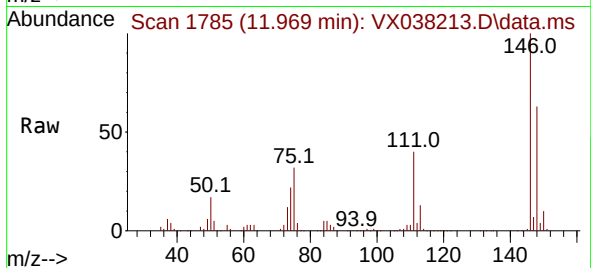
Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 207600

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.1

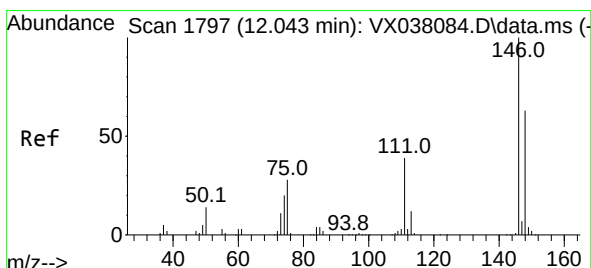
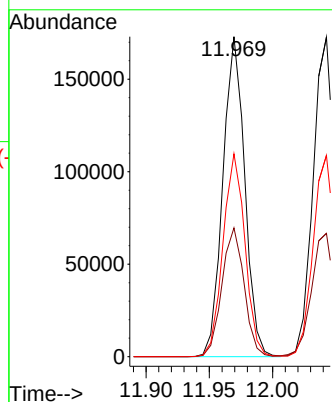
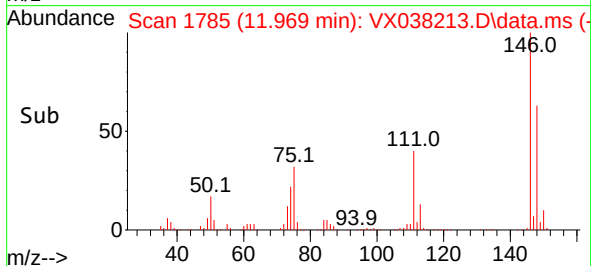
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#88

1,4-Dichlorobenzene

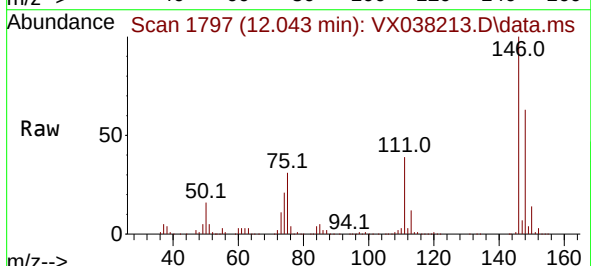
Concen: 48.518 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47



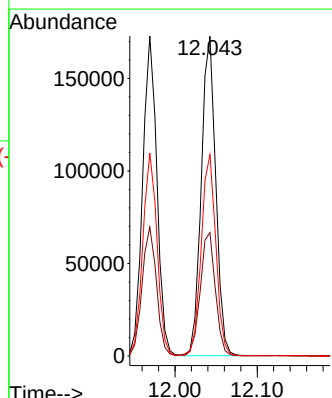
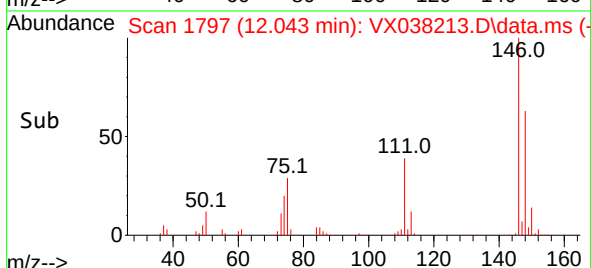
Tgt Ion:146 Resp: 211612

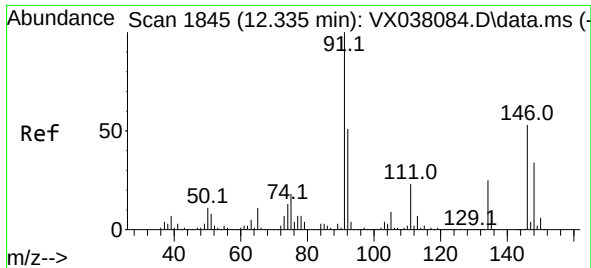
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

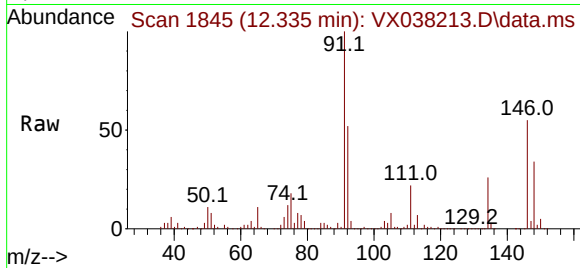
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 49.290 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

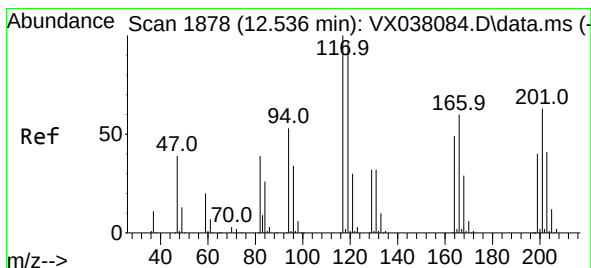
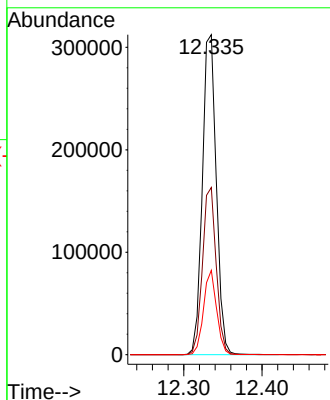
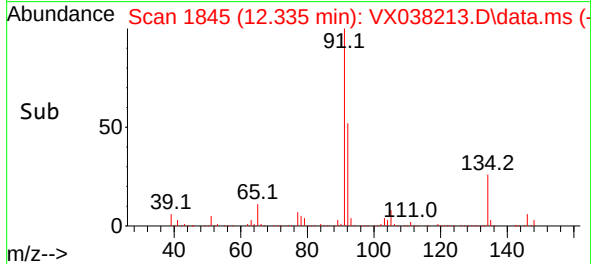
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 385300
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 24.8 12.6 37.8

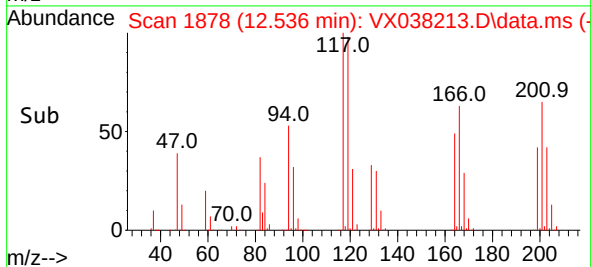
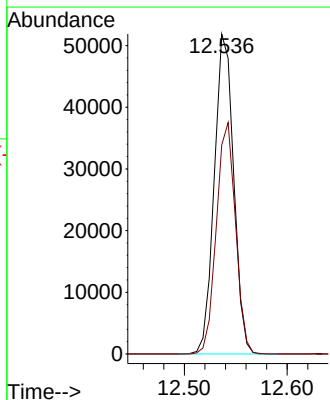
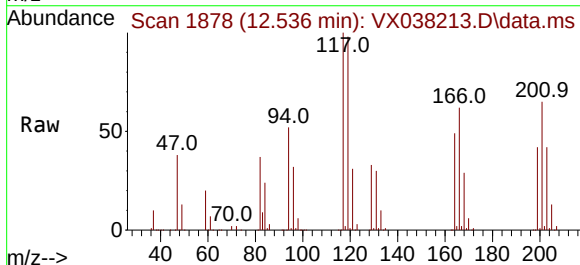
Manual Integrations
APPROVED

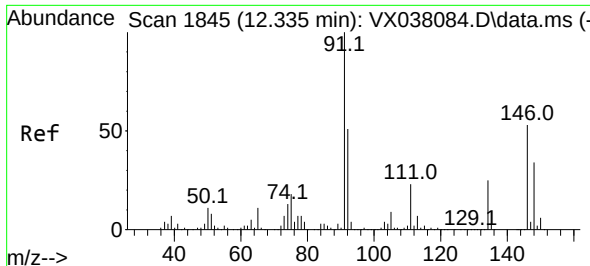
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#90
Hexachloroethane
Concen: 52.041 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

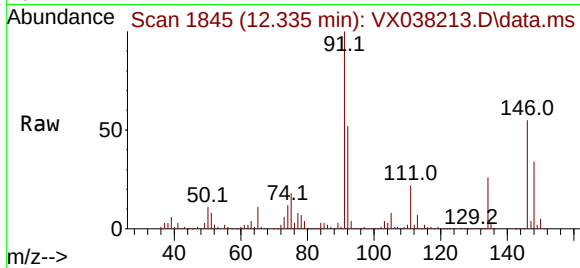
Tgt Ion:117 Resp: 67727
Ion Ratio Lower Upper
117 100
201 71.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.890 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

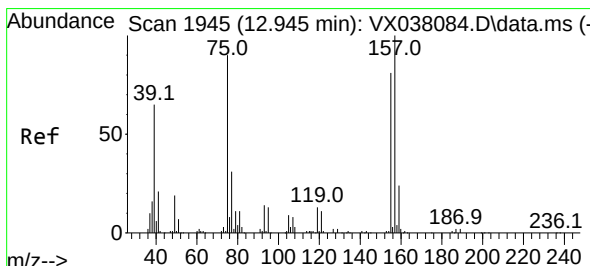
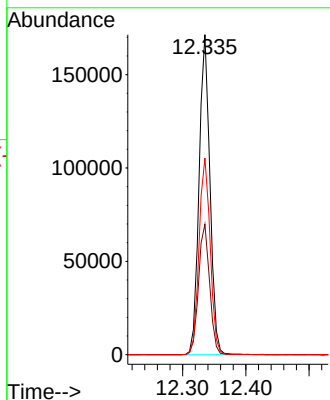
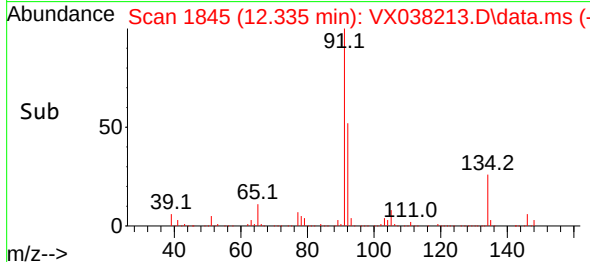
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



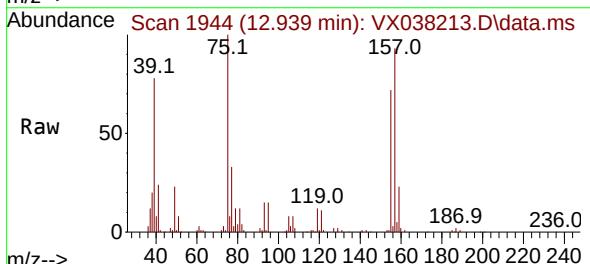
Tgt Ion:146 Resp: 204872
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

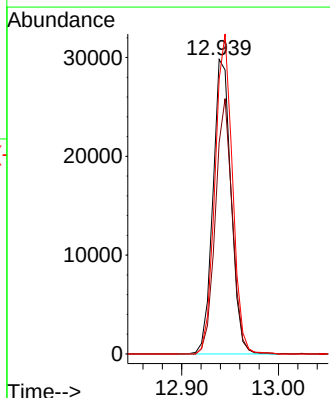
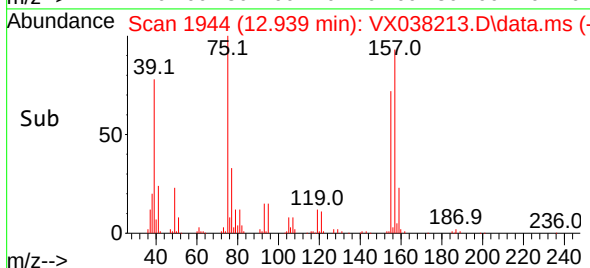
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

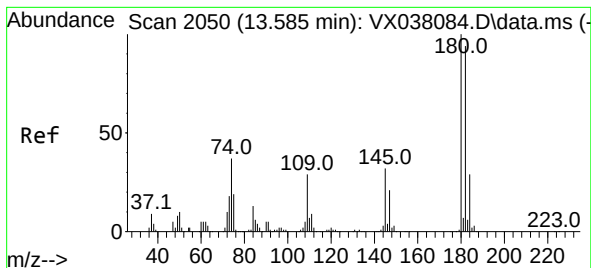


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.077 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



Tgt Ion: 75 Resp: 38706
Ion Ratio Lower Upper
75 100
155 81.3 36.1 108.5
157 104.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.188 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

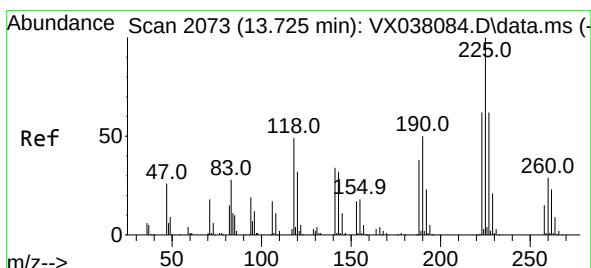
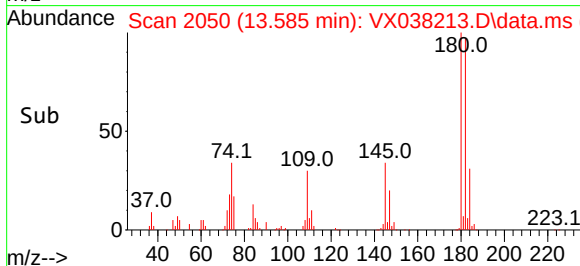
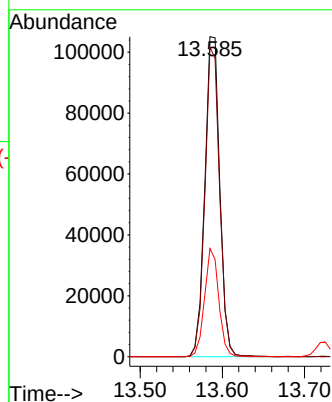
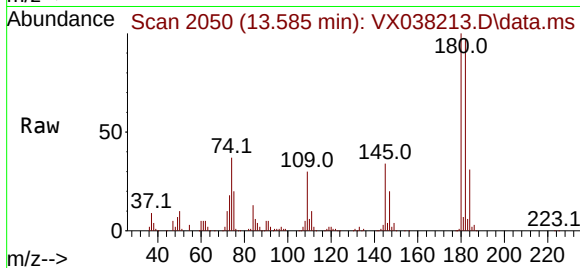
Tgt Ion:180	Resp:	13272
Ion Ratio	Lower	Upper
180	100	
182	95.2	48.3 144.8
145	32.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#94

Hexachlorobutadiene

Concen: 48.429 ug/l

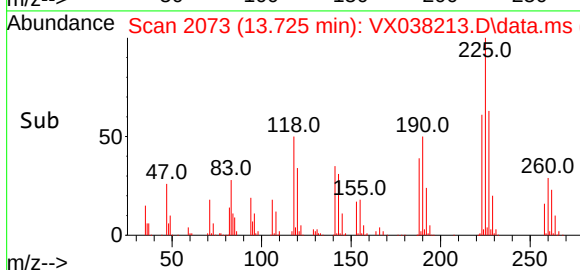
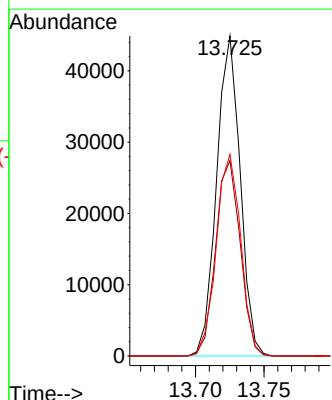
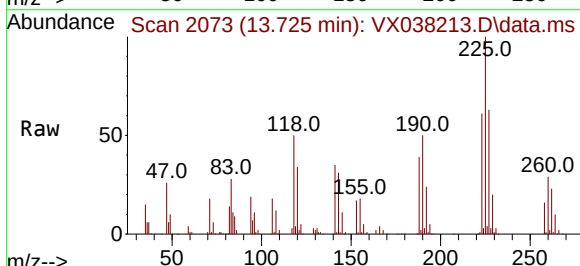
RT: 13.725 min Scan# 2073

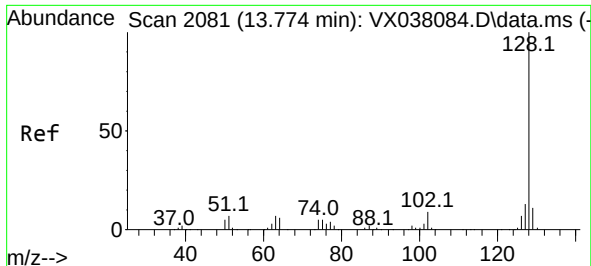
Delta R.T. 0.000 min

Lab File: VX038213.D

Acq: 10 Oct 2023 19:47

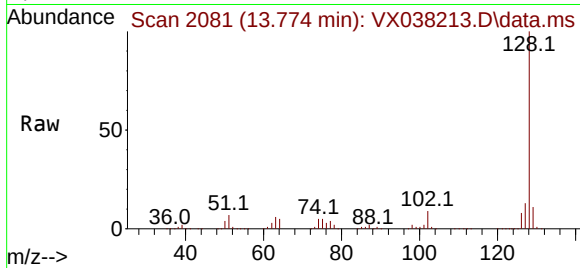
Tgt Ion:225	Resp:	53686
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.1 93.2
227	65.3	32.5 97.5





#95
Naphthalene
Concen: 48.235 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47

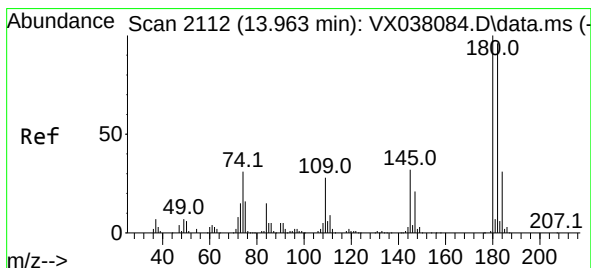
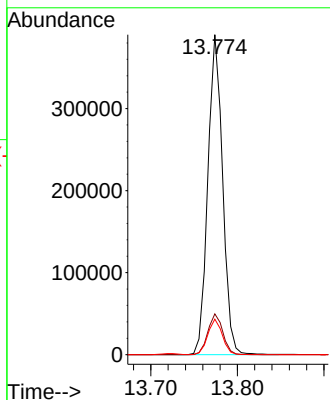
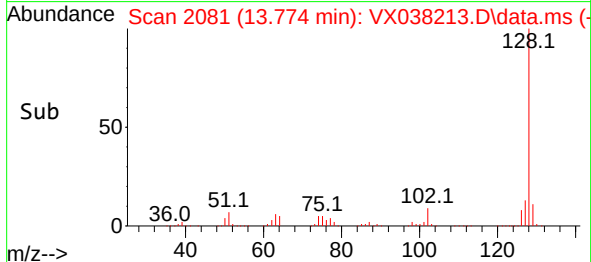
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



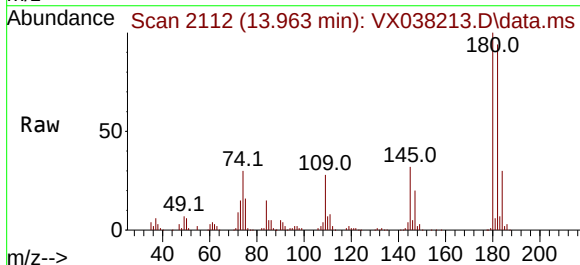
Tgt Ion:128 Resp: 46265
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.551 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038213.D
Acq: 10 Oct 2023 19:47



Tgt Ion:180 Resp: 129480
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 32.8 17.8 53.5

